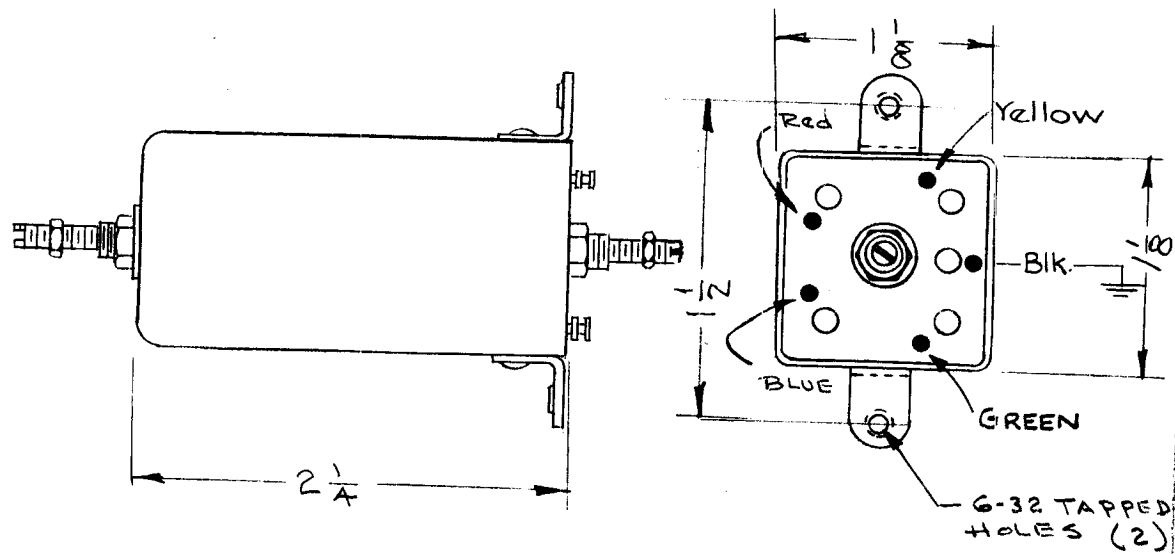


REQ. PER. UNIT	USED ON			TT-100	B
	MODEL	ASS'Y. NO.	DATE		
3	SBE-3	AX-205	11-12-59		



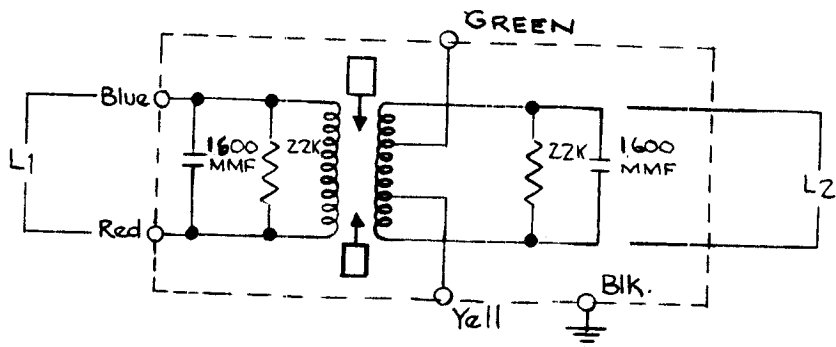
ELECTRICAL SPECIFICATIONS

INDUCTANCE-
 L1-205 μ hy (195 to 220)
 L2-205 μ hy (195 to 220)

Q
 L1-35 or Greater at 790 kc.
 L2-35 or Greater at 790 kc.

TEST FREQ.
 790 kc.

OPERATING FREQ
 250kc to 270 Kc



ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
B	2	ON OPERATING FREQ. to 270Kc added	8-17-61	5449	G.D.L.	R.U.				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	TT-100 B
A	1	ON ELECTRICAL SPECIFICATIONS L1 & L2 WERE 200 to 210	5-17-60	2283							
		COLOR CHANGE GREEN WAS YELLOW								250 kc to 270, Kc	
TOLERANCES			SCALE:		NPL		2A-1804				
DEC. DIM. \pm FRAC. DIM. \pm ANGULAR DIM. \pm			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES								
			TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN		CHECKED		FINAL APPROVAL
			FINISH & SPEC. NO.				ELEC. DES. APP		MECH. DES. APP		TT-100 B

SYMBOL	FUNCTION	REQ. PER. UNIT	USED ON		
			MODEL	FREQ.	DATE
L1	2 ND RF BAND 1	1	GPR-90-RXD	54-14 MC	5-23-60

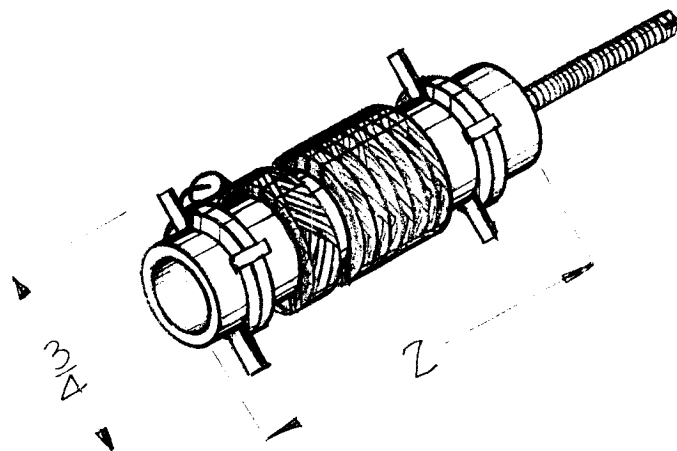
TT-101

> SPECIFICATIONS <

Q - SEC. - 60 or Greater
 PRI. - 45 or Greater

L_{wh} - SEC. - 195 (185-205)
 PRI. - 138 (130-148)

FREQ - SEC. - 790 KC
 PRI. - 790 KC



								REQ.	ITEM	PART NO.	DESCRIPTION			SYMBOL					
											THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK								
								STOCK SIZE			TRANSFORMER, RF, TUNED								
								MATERIAL											
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			DRAWN		CHECKED		FINAL APPROVAL					
TOLERANCES			SCALE: 2A-18P2							DRAWN		CHECKED		FINAL APPROVAL					
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN		CHECKED		FINAL APPROVAL			
FRAC. DIM. ±														DRAWN		CHECKED		FINAL APPROVAL	
ANGULAR DIM. ±														DRAWN		CHECKED		FINAL APPROVAL	
								FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP		TT-101					

SYMBOL	FUNCTION	REQ. PER UNIT	USED ON		
			MODEL	FREQ.	DATE
L28	1st RF Band 1	1	GPR-90-RXD	.54-1.4 MC	5-9-60
T103	"	1	GPR-92	.54-1.4 MC	10-16-62

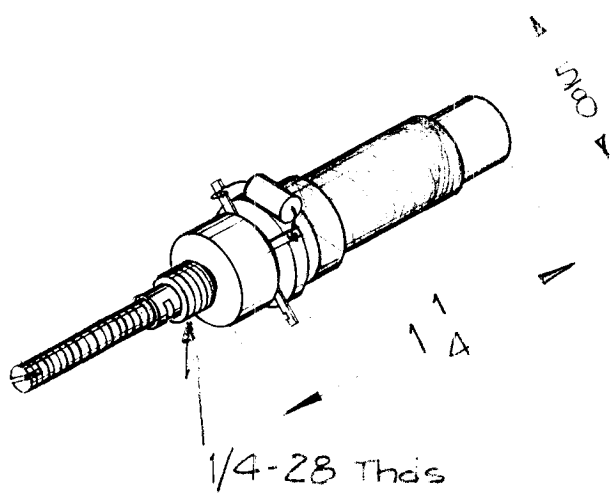
TT-102

— SPECIFICATIONS —

Q → PRI. -8>
 SEC. -50>

Luh → PRI. 10 (9.5-10.5)
 SEC. 340 (320-360)

FREQ. → PRI. -25 MCS
 SEC. 790 KC



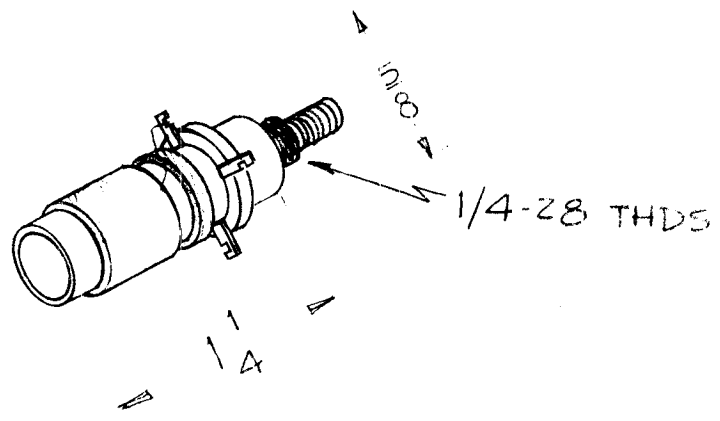
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL		
											GELMAN			
								STOCK SIZE			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
								MATERIAL			TRANSFORMER, RF, TUNED			
TOLERANCES								SCALE: 2A-1833			DRAWN		FINAL APPROVAL	
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±								MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION REMOVE ALL BURRS AND SHARP EDGES			CHECKED			
								TYPE & TEMPER HEATTREAT. SPEC.			ELEC. DES. APP		TT-102	
								FINISH & SPEC. NO.			TECH. DES. APP			

SYMBOL	FUNCTION	REQ. PER UNIT	USED ON		
			MODEL	FREQ	DATE
L29	1 ST RF. BANDZ	1	GPR-90-RXD	1.4-3.3 MC	5-24-60
T104	"	1	GPR 92	1.4-3.3 MC	10-16-62

TT-103 A

— SPECIFICATIONS —

- Q - PRI - GREATER THAN 49
SEC. - GREATER THAN 85
- Luh - PRI. - 1.4 TO 1.75
SEC. - 69 TO 74
- F - PRI. - 7.9 MC
SEC. - 2.5 MC



ISSUE ITEM		CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
A 1		Spec. 1103101 - Q - GREATER THAN 49 WAS - 45 Luh - PRI 1.4 TO 1.76 WAS 1.4 Sec 69 TO 74 WAS 75 F - PRI 7.9 MC WAS 2.5 Sec 2.5 MC WAS 190	7/20/61	5/67		Ru				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER, R.F. TUNED	
TOLERANCES		SCALE: 2A-188-1									
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES									
FRAC. DIM. ±											
ANGULAR DIM. ±											
		TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN		CHECKED		FINAL APPROVAL	
		FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP		TT-103		A	

SYMBOL	FUNCTION	REQ. PER UNIT	USED ON		
			MODEL	FREQ.	DATE
L30	1 ST RF BAND 3	1	GPR-90-RXD	3.2-5.6 MC	5-25-60
T105	"	1	GPR-92	3.3-5.6 MC	10-16-62

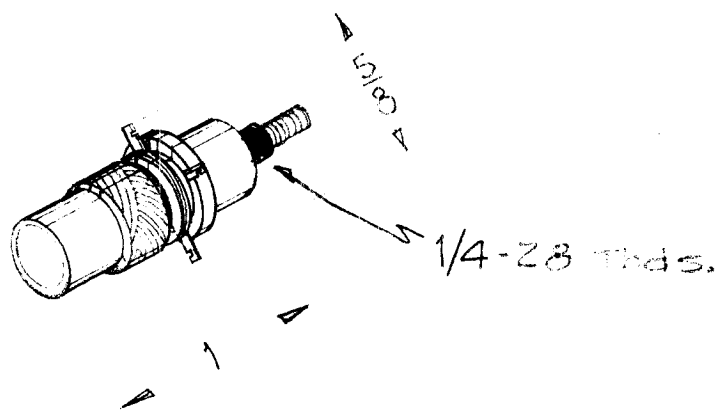
TT-104 A

— SPECIFICATIONS —

Q - PRI. - 17 or greater
 SEC. - 68 To 80

Luh - PRI. - .29 To .35
 SEC. - 17.5 To 21.0

FREQ - PRI. - 25
 SEC. - 2.5



REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
			TRANSFORMER, RF, TUNED		
			DRAWN		
			CHECKED		
			FINAL APPROVAL		
			TT-104		A
			ELEC. DES. APP		
			MECH. DES. APP		

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	2	ON SPECIFICATIONS LUH PRI. WAS .52 & LUH SEC. WAS 19.0	10-16-62	10-16-62	1	RLU	[Signature]
	1	ON SPECIFICATIONS Q PRI. WAS 22.0 & Q SEC 75					

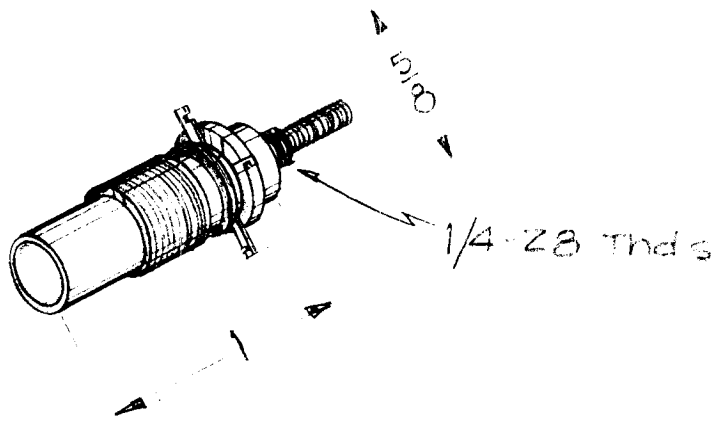
TOLERANCES		SCALE: ZA-1885
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES
FRAC. DIM. ±		
ANGULAR DIM. ±		

SYMBOL	FUNCTION	REQ. PER. UNIT	USED ON		
			MODEL	FREQ.	DATE
L31	BAND 4	1	GPR-9DRXD	5.4-9.7 MC	5-25-60
T106	"	1	GPR-92	5.6-9.5 MC	10-16-62

TT-105

SPECIFICATIONS

Q-Pri. ~ 90
 Sec. ~ 100
 Lwh-Pri. ~ .42
 Sec. ~ 7.0
 Freq.-Pri. ~ 25
 Sec. ~ 7.9



							REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL	
							STOCK SIZE			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
							MATERIAL			TRANSFORMER, RF, TUNED			
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
TOLERANCES			SCALE: ZA-1886				FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	TT-105		
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES										
FRAC. DIM. ±													
ANGULAR DIM. ±													

SYMBOL	FUNCTION	REQ. PER. UNIT	USED ON		
			MODEL	FREQ.	DATE
L3Z	1ST RF BANDS	1	GPR-90-EXD	9.4-17.8 MC	8-25-60
T107	"	1	GPR-92	9.5-17.5 MC	10-16-62

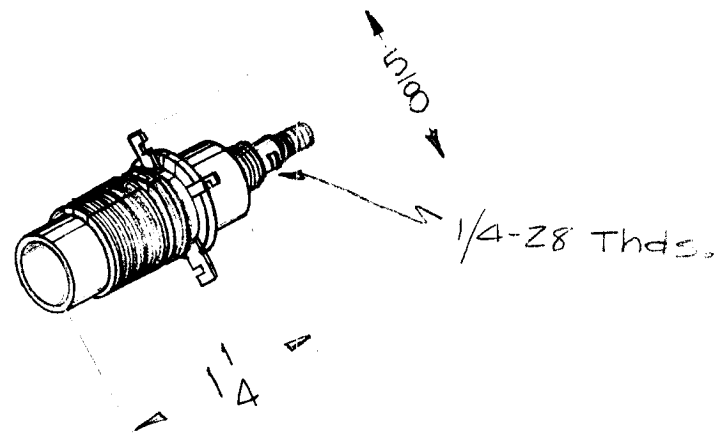
TT-106 A

SPECIFICATIONS

Q - PRI. $\sim > 90$
 SEC. $\sim > 100$

Luh - PRI. $\sim .25$ TO $.3$
 SEC. $\sim 2.4 - 2.6$

FREQ - PRI ~ 25
 SEC ~ 79



REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL								
			THE TECHNICAL MATERIEL CORP.										
			MAMARONECK, NEW YORK										
			TRANSFORMER, RF, TUNED										
			STOCK SIZE										
			MATERIAL										
			TYPE & TEMPER										
			HEAT TREAT. SPEC.										
			FINISH & SPEC. NO.										
on SPECIFICATIONS Q - PRI. were 120 SEC. were 190 LUH - PRI. were 3 SEC. were 25			7-7-61	5196	GOL	9/16	7/11	DRAWN 		CHECKED 		FINAL APPROVAL 	
A	1		DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	TT-106		A			
ISSUE ITEM			CHANGED FROM		SCALE: 2A-1887		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES		TOLERANCES DEC. DIM. \pm FRAC. DIM. \pm ANGULAR DIM. \pm				

SYMBOL	FUNCTION	REQ. PER UNIT	USED ON		
			MODEL	FREQ.	DATE
L33	1ST. RF BAND	1	GPR-90-RXD	17.3-31.5 MCS	5-26-60
T108	"	1	GPR-92	17.5-32.3 MC	10-16-62

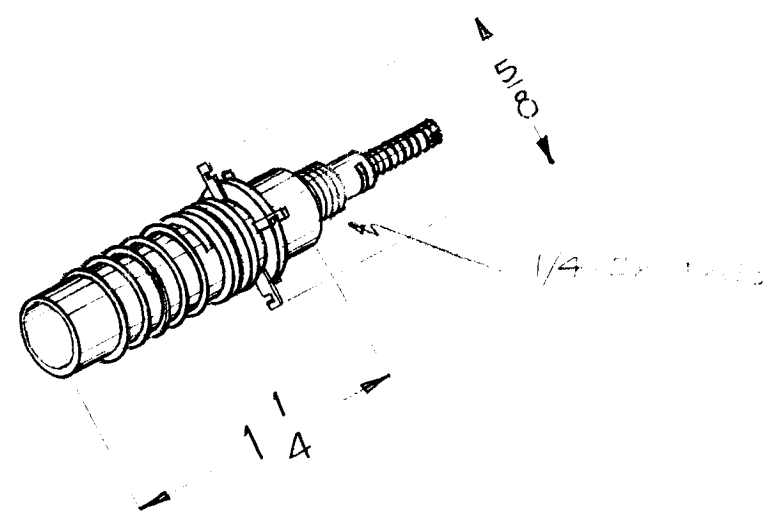
TT-107

SPECIFICATIONS

Q ~ PRI. 100
 SEC. 155

L_{uh} ~ PRI. .15 ± 5%
 SEC. .8 ± 5%

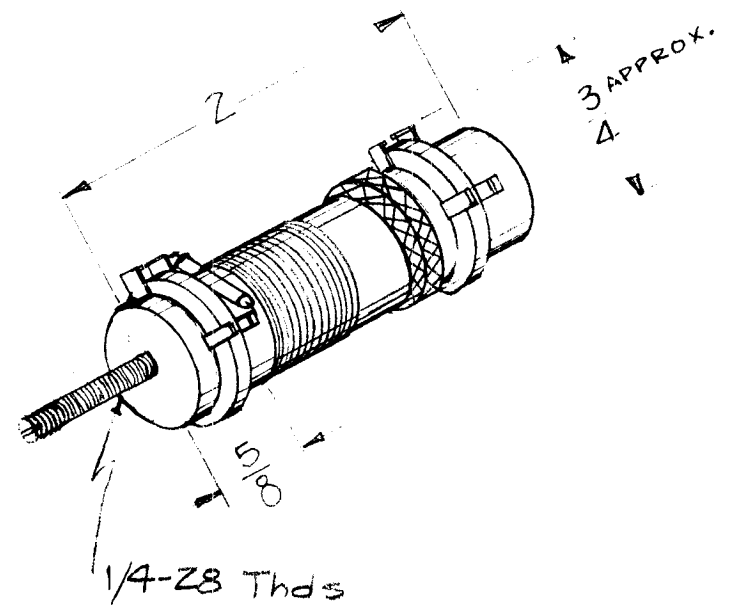
FREQ. ~ PRI. 25
 SEC. 25



							REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL			
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK					
										TRANSFORMER, RF, TUNED					
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.								
TOLERANCES			SCALE: ZA-1828												
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				TYPE & TEMPER		HEATTREAT. SPEC.		DRAWN		CHECKED		
FRAC. DIM. ±							FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP		FINAL APPROVAL		
ANGULAR DIM. ±															TT-107

REQ. PER UNIT	USED ON			TT-108	A
	MODEL	ASSY. NO.	DATE		
1	GPR-90RXD		5- -60		

USED ON	QUANTITY	FUNCTION	SYMBOL
GPR-90RXD	1		L9

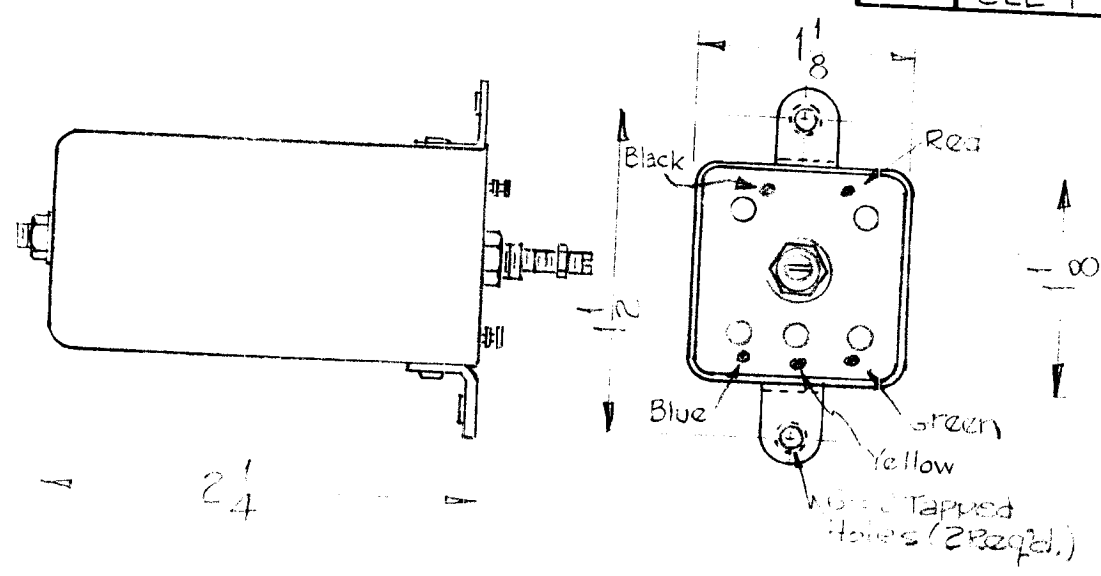


ELECTRICAL SPECIFICATIONS

L_{inh} ~ Pri. 9.0 (8.5-9.5), Sec. 9.7 (9.2.10.2)
 Q ~ Pri. 55 or Greater, Sec. 85 or Greater
 FREQ ~ Pri. 7.9 MC, Sec. 2.5 MC

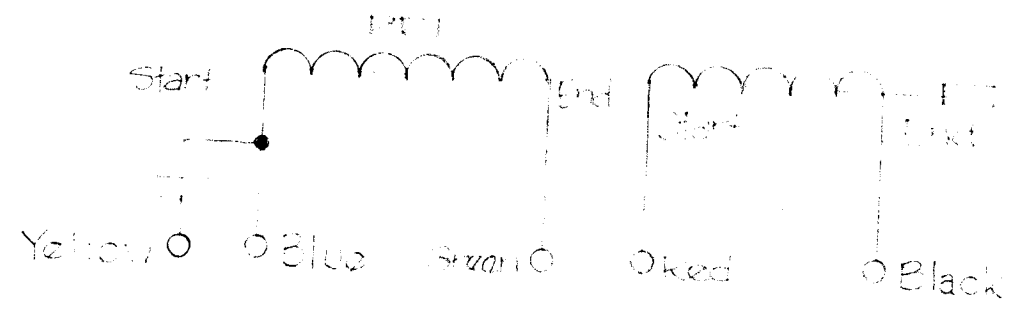
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
A	1	PICT'L. CHG'D. TO AGREE WITH A-1898	10-3-61	5645	EE	AS	<i>[Signature]</i>			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
TOLERANCES								STOCK SIZE		TRANSFORMER, RF TUNED	
SCALE: ZA-1898								MATERIAL		BAND-3	
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±								TYPE & TEMPER		DRAWN <i>[Signature]</i>	
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES								HEATTREAT. SPEC.		CHECKED <i>[Signature]</i>	
								FINISH & SPEC. NO.		FINAL APPROVAL <i>[Signature]</i>	
										TT-108	
										A	

REQ. PER UNIT	USED ON			TT-110	A
	MODEL	ASSY. NO.	DATE		
1	CLL-1		9-9-60		



2 1/4

ELECTRICAL SPECIFICATIONS
 INDUCTANCE -
 PRIMARY - 126 μ hy \pm 4 μ hy.
 Q (PRI) 40 or Greater at 790 kc.
 TEST FREQ. - 790 kc.
 OPERATING FREQ. - 510 to 590 kc.

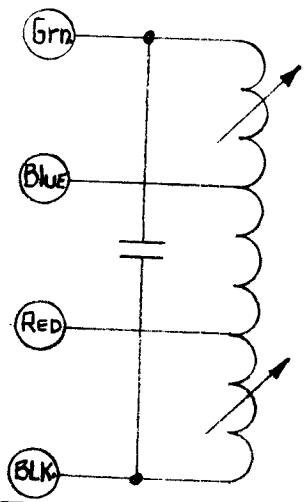
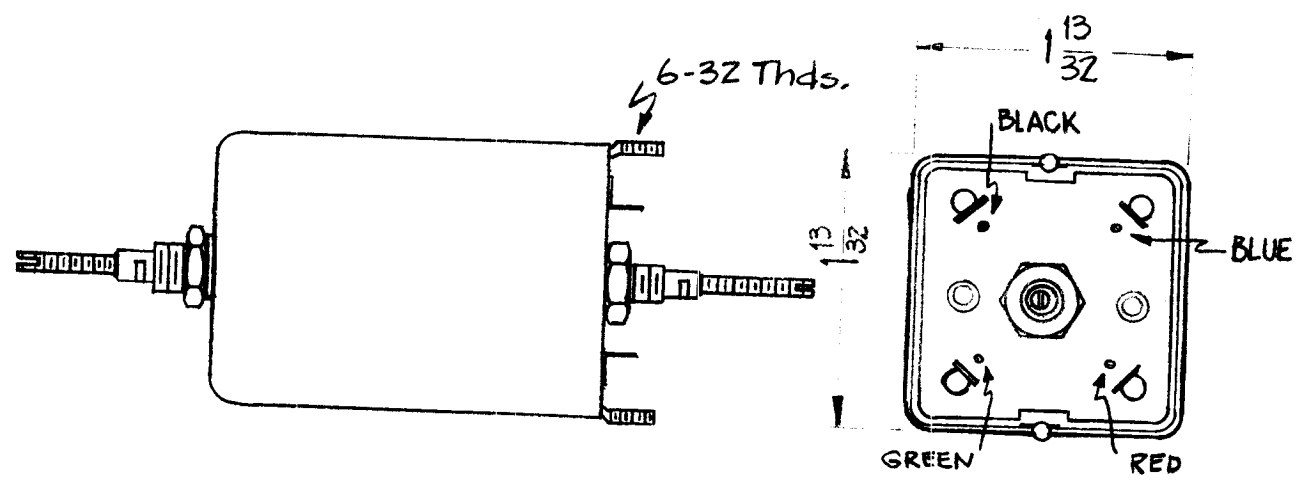


				REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL	
				STOCK SIZE			THE TECHNICAL MATERIEL CORP.		TT-110	
							MAMARONECK, NEW YORK			
				MATERIAL			TRANSFORMER, R.F. TUNED		h6	
				TYPE & TEMPER			DRAWN			
				HEAT TREAT. SPEC.			CHECKED		FINAL APPROVAL	
TOLERANCES				FINISH & SPEC. NO.			ELEC. DES. APP		MECH. DES. APP	TT-110
DEC. DIM. \pm FRAC. DIM. \pm ANGULAR DIM. \pm				SCALE: NFL 2A-1905			ELEC. DES. APP		MECH. DES. APP	
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES									TT-110	
A 3 Black Dot was Blue 2 Blue Dot was Yellow 1 Yellow Dot was Black				10-26-60	3303	J.C.B.			A	
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			

SYM	FUNCTION	REQ. PER UNIT	USED ON		
			MODEL	ASSY. NO.	DATE
			600 KC OSC	1 DVH-2	6-8-60
					TT-111

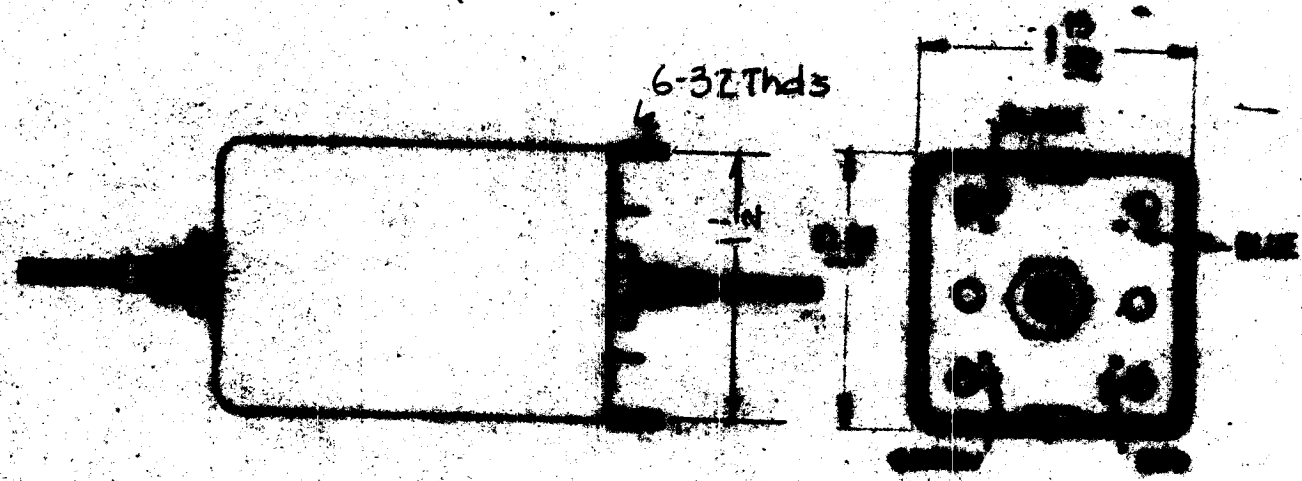
SPECIFICATIONS

Inductance - 105-115 μ h
(w/o CORE)
Q - > 45
Test Freq. - 790 KC



							REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL							
										THE TECHNICAL MATERIEL CORP.									
										MAMARONECK, NEW YORK									
										TRANSFORMER, RF, TUNED									
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL											
TOLERANCES			SCALE:		2A-1913		TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL							
DEC. DIM. \pm			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES																
FRAC. DIM. \pm												FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP			
ANGULAR DIM. \pm																			
												TT-111							

SYM.	FUNCTION	REV.	DATE	BY	CHKD.	TT-112	A
	55B KC OSC						

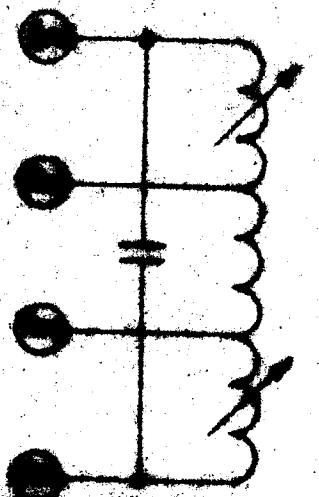


SPECIFICATIONS

Inductance - 105-115 μ hy
w/o Core

Q - > 45

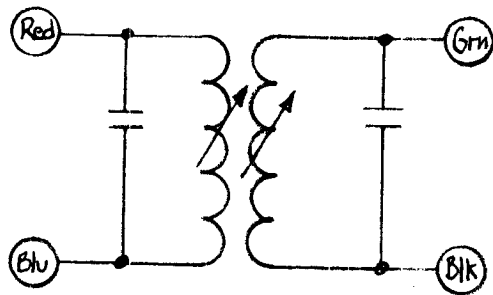
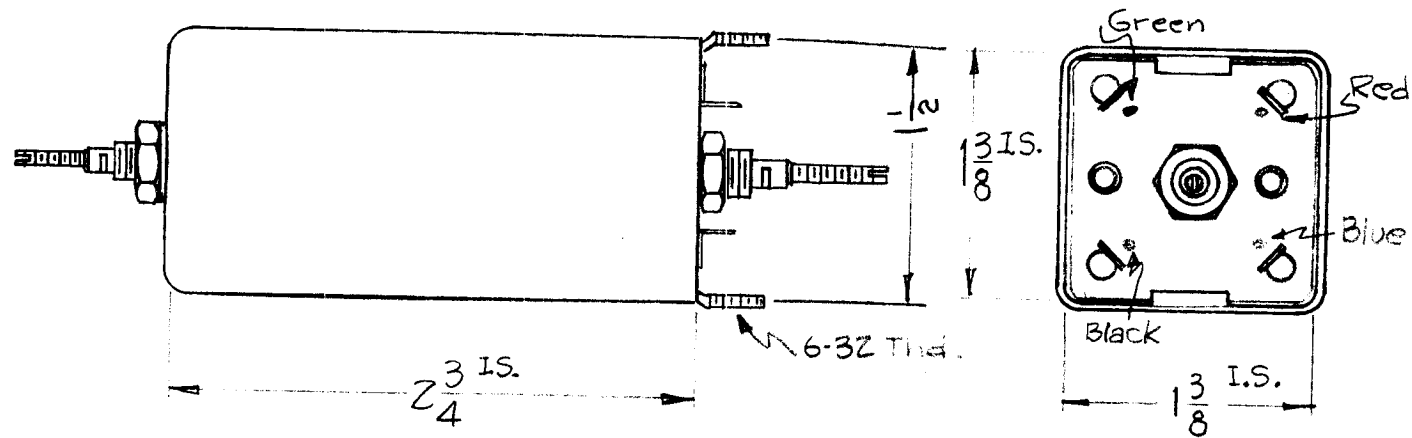
Test Freq - 790 kc



A 1 MODEL WAS DVM-2						DATE		2/26/46		BY		JH		REV. NO.		DESCRIPTION		SPEC. NO.	
REVISED FROM						DATE		CH. NO.		PARTS		CHECKER		TYPED BY		THE NATIONAL BUREAU OF STANDARDS		TRANSFORMER, RF, TUNED	
PREPARED BY						DATE		3A-1013		BY		JH		REV. NO.		TT-112		A	
REVISIONS						REVISIONS ALLOWABLE		REVISIONS HAVE BEEN ENTERED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL TAGS AND MARKINGS		TYPE		DATE		BY		TT-112		A	

SYM	FUNCTION	REQ. PER. UNIT	USED ON		
		1	MODEL	ASS'Y. NO.	DATE
		100KC IF	DVM-2		6-8-60
		1	DVM-4		2-8-62

TT-113



SCHMATIC

SPECIFICATIONS

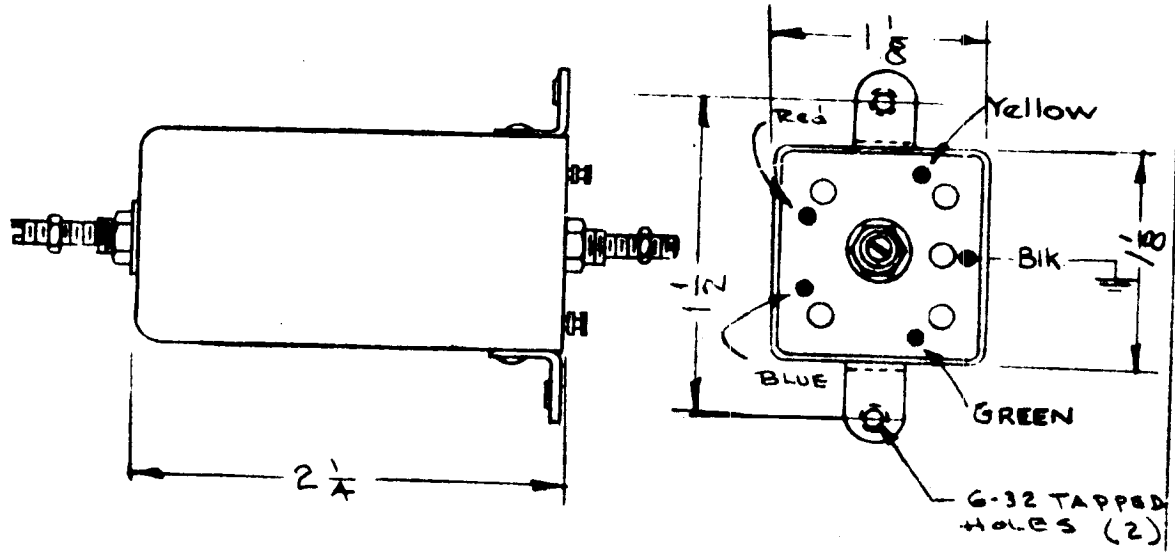
IND.
 Pri. 1.25 MH (w/o core)
 Sec. 1.25 MH (w/o core)

Q.
 Pri. > 55
 Sec. > 55

TEST FREQ.
 PRI. 250 kc
 SEC. 250 kc

REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
			TRANSFORMER, RF, TUNED		
			MATERIAL		
			TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN
					CHECKED
			FINISH & SPEC. NO.		FINAL APPROVAL
					TT-113

REQ. PER UNIT 1	MODEL SBE-3	USED ON		TT-114	A
		ASSY. NO.	DATE 6-28-60		



ELECTRICAL SPECIFICATIONS

INDUCTANCE-
 L1-205 μ hy (200 to 210)
 L2-205 μ hy (200 to 210)

Q
 L1-35 or Greater at 790 kc.
 L2-35 or Greater at 790 kc.

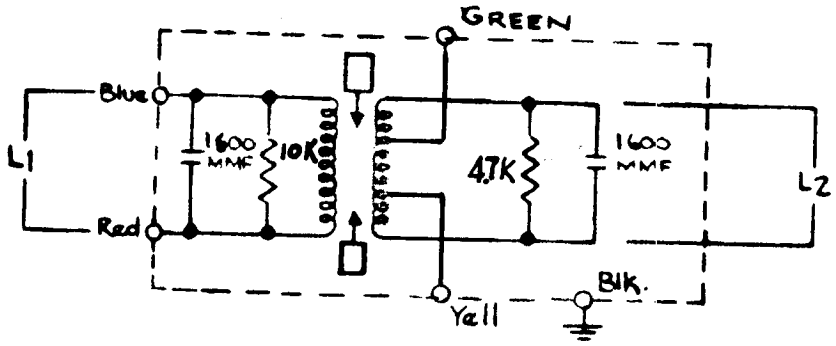
TEST FREQ.
 790 kc.

OPERATING FREQ
 250 kc.

NOTICE TO PERSONS RECEIVING THIS DRAWING

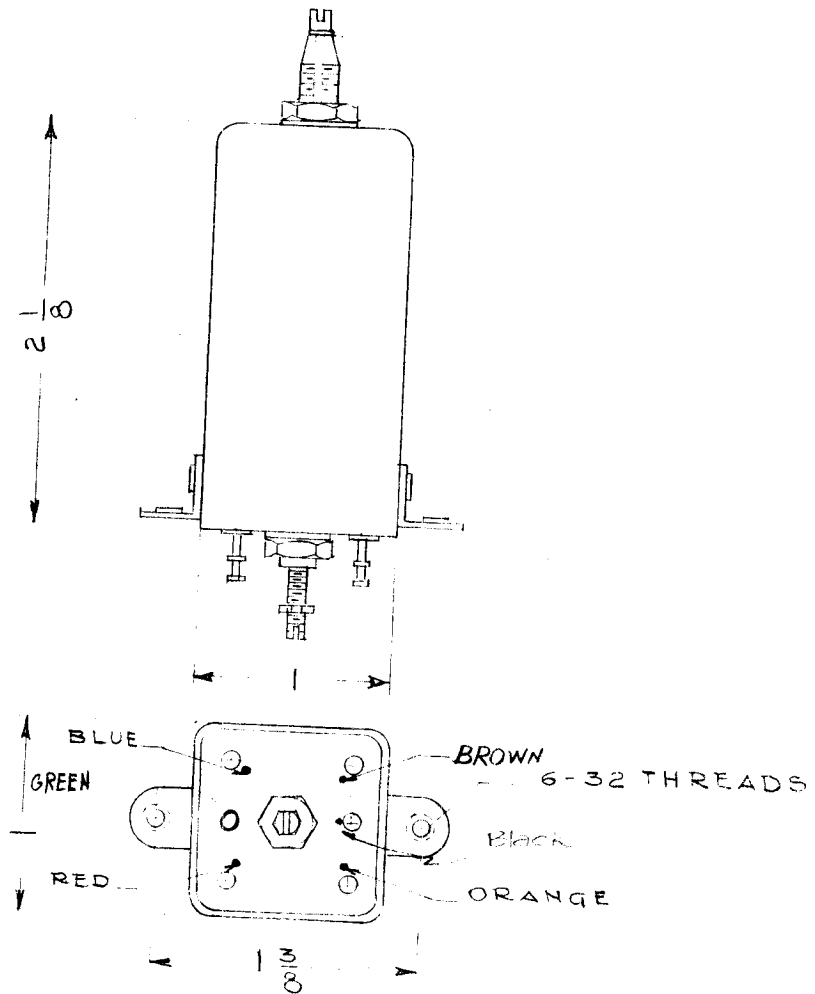
THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.

Property of:
 THE TECHNICAL MATERIEL CORPORATION
 MAMARONECK, NEW YORK



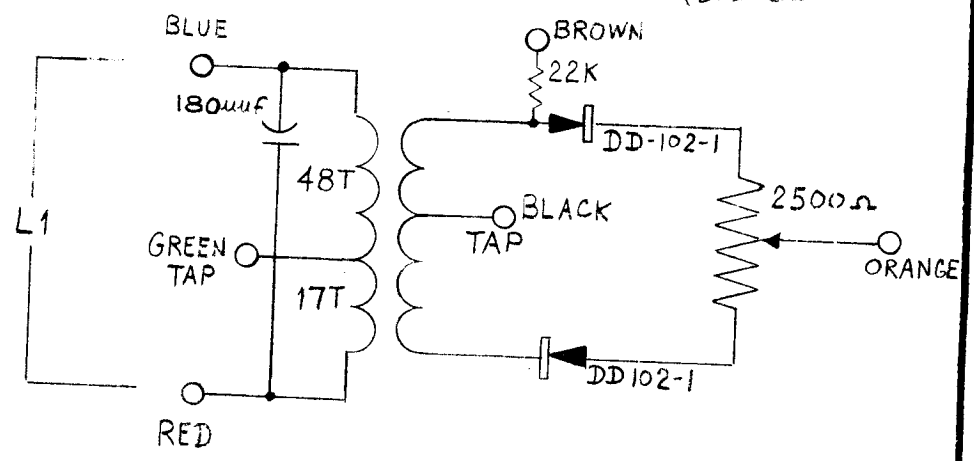
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMB.
A		4.7K WAS 10K	2-28-67	17840						THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
TOLERANCES								MATERIAL		250 kc	
DEC. DIM. \pm FRAC. DIM. \pm ANGULAR DIM. \pm								TYPE & TEMPER		DRAWN	
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES								HEAT TREAT. SPEC.		CHECKED	
SCALE: 2A-1926								FINISH & SPEC. NO.		FINAL APPROVAL	
								ELEC. DES. APP.		MECH. DES. APP.	
										TT-114	
										A	

REQ. PER UNIT	USED ON			TT-115	C
	MODEL	ASS'Y. NO.	DATE		
CHG-1			9-23-1960		



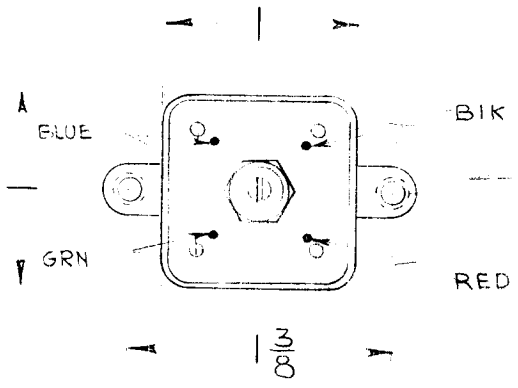
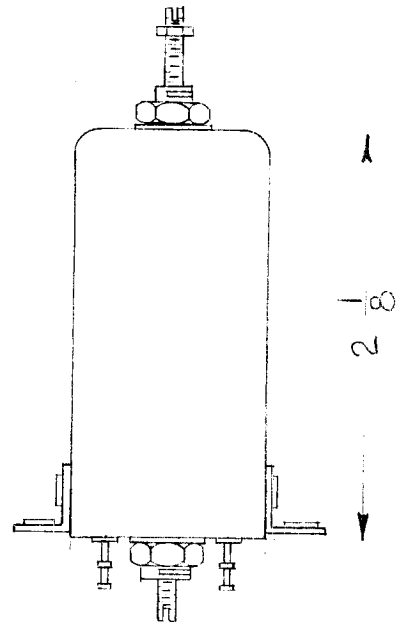
MODEL	FUNCTION	SYM.
CHG-1	2 mc TANK & PHASE DETECTOR	T1501

TEST DATA (W/OUT CORE)
 $L = 24 \mu h, \pm 15\%$
 $Q = 40$ OR GREATER (SECONDARY NOT CONNECTED TO DIODES)
 FREQ = 2.5 MHz



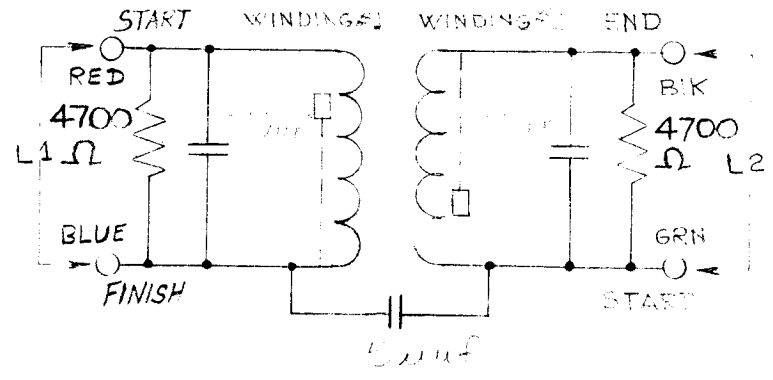
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL		
C		2 WHS 50 FREQ WAS 790 KC. SEC NOTE ADD	11.22.66	17302	4/10	<i>[Signature]</i>				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER, RF, TUNED	C		
B	1	180 μ f WAS 220 μ f	8.6.64	12064	KB	<i>[Signature]</i>							
A	1	L WAS 24 μ h (± 15)	4/24/61	4172	DJ	<i>[Signature]</i>							
TOLERANCES			SCALE: 2A-1965										
DEC. DIM. \pm			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES										
FRAC. DIM. \pm													
ANGULAR DIM. \pm													
								TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
								FINISH & SPEC. NO.	ELEC. DES. APP		MECH. DES. APP	TT-115	C

REQ. PER. UNIT	USED ON			TT-117	A
	MODEL	ASSY. NO.	DATE		
1	CHG-1	I.F.	10-19-1930		



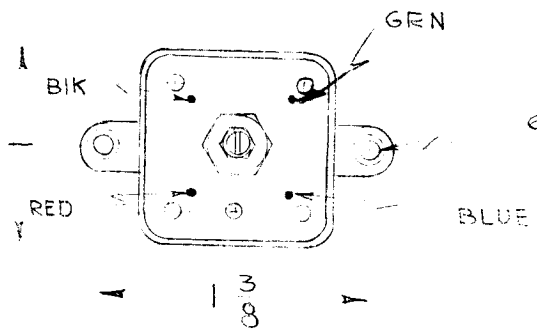
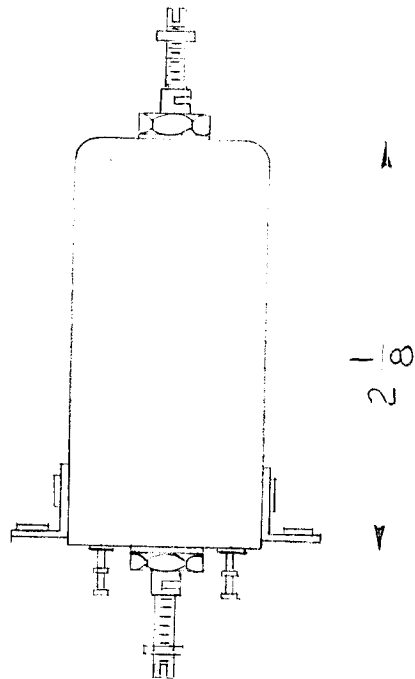
6-32 THDS.

MODEL	REQ	FUNCTION	OPER FREQ	SYMBOL
CHG-1	1	1ST I.F. XFORMER	43-15.2 MC	T1205
CHG-1	1	2ND I.F. XFORMER	44-37.0 MC	T1206
CHG-1	1	3RD I.F. XFORMER	45-10.0 MC	T1207

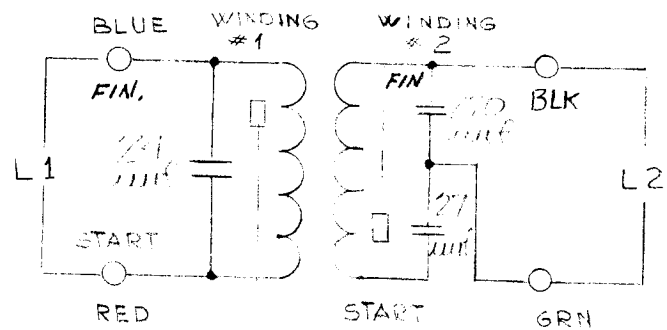


ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL					
A	1	ON BIK & GRN BLUE & RED REVERSED ON 2ND START & FINISH BL & GRN	12-21-63	3793	PHU F	WV	[Signature]				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER, R.F. TUNED						
TOLERANCES			SCALE: 2A-1994					TYPE & TEMPER		HEATTREAT. SPEC.		DRAWN		CHECKED		FINAL APPROVAL	
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP		TT-117		A	

REQ. PER UNIT	USED ON			TT-118	B
	MODEL	ASS'Y. NO.	DATE		
1	CHG-1	I.F.	10-19-1960		

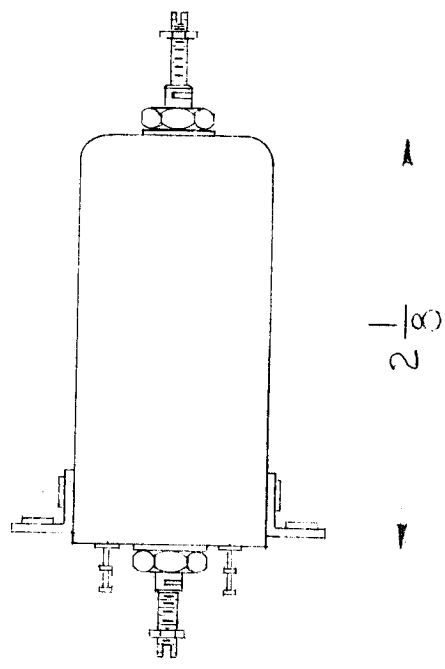


MODEL	REQ	FUNCTION	OPER FREQ	SYMBOL
CHG-1	1	EXC AMP XFMR	18 MCS	T1202

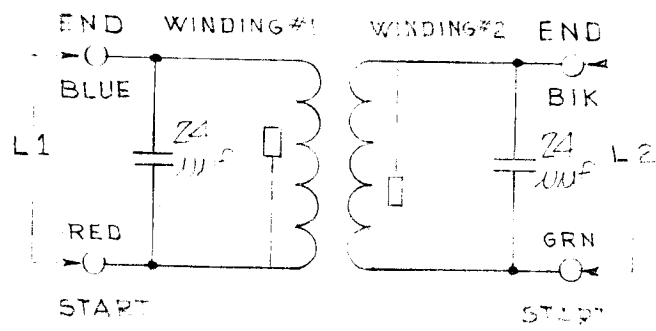
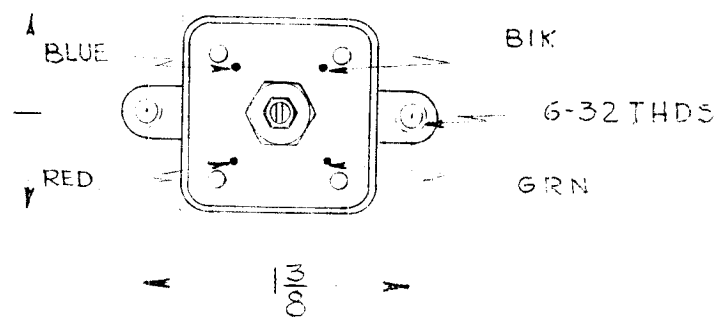


ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL					
B	1	Added fifth terminal to board PICTORIAL	5/23/61	4937	DM	JCS				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER, R.F. TUNED 18 MCS	B					
A	2	ON BOTTOM VIEW YELL. DELETED														
A	1	ON SCR. BLK WAS YELL.	12-21-60	3794	WLF	WLF										
TOLERANCES			SCALE: 2A-1955					MATERIAL		DRAWN						
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER		HEAT TREAT. SPEC.		CHECKED	FINAL APPROVAL			
FRAC. DIM. ±								FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP		TT-118		B
ANGULAR DIM. ±																

REQ. PER UNIT	USED ON			TT-119
	MODEL	ASSY. NO.	DATE	
1	CHG-1	1.F	10-20-1960	

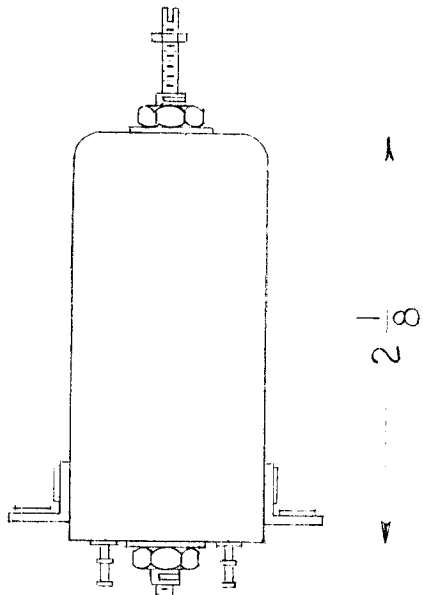


MODEL	REQ	FUNCTION	OPER FREQ	SYMBOL
CHG-1	1	18 MC GEN XFMR	18 MCS	TT-119

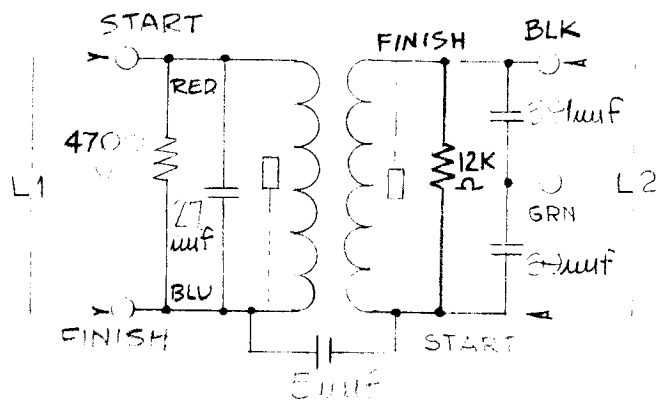
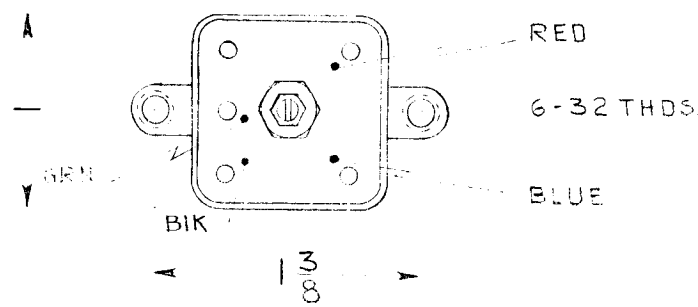


REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL					
			THE TECHNICAL MATERIEL CORP.						
			MAMARONECK, NEW YORK						
			TRANSFORMER, R.F. TUNED						
			18 MCS						
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO	DRAFTS	CHECKER	ENG. APP.		
TOLERANCES			SCALE: 2A-1996						
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						
FRAC. DIM. ±									
ANGULAR DIM. ±									
TYPE & TEMPER		HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL				
FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	TT-119					

REQ. PER UNIT	USED ON			TT-120	A
	MODEL	ASS'Y. NO.	DATE		
1	CHG-1	I.F.	10-20-1960		

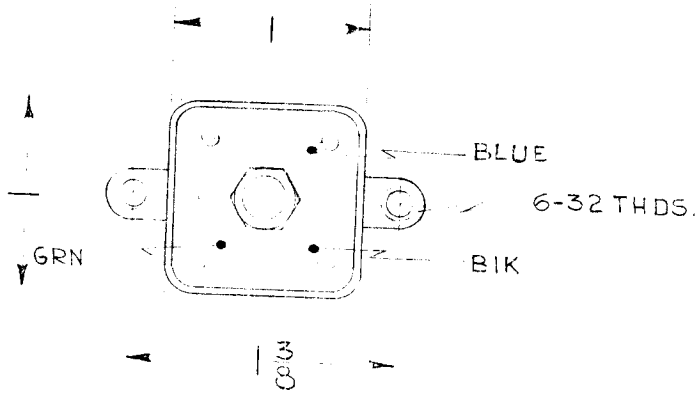
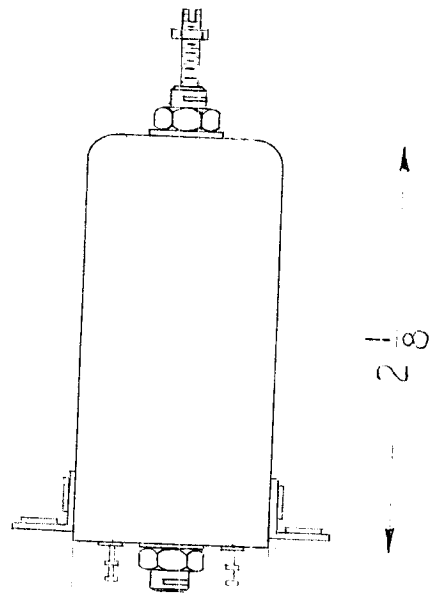


MODEL	REQ	FUNCTION	OPER FREQ	SYMBOL
CHG-1	1	IF TRANSFORMER	14.25 MCS 16.25 "	TT-120B

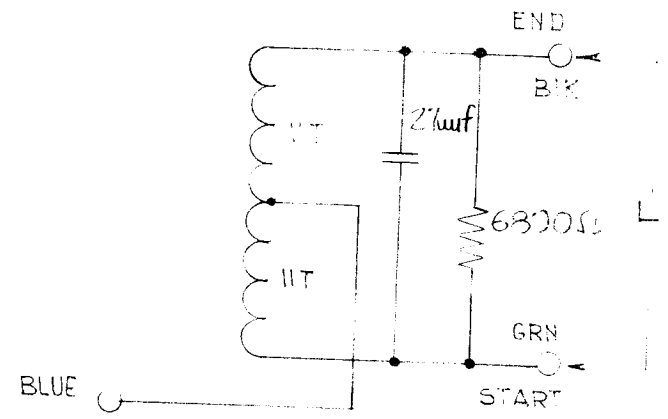


ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
A	1	(Red, Blue) & (START, FINISH) reversed.	12/21/60	3795	DM	JL	JL			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
TOLERANCES								SCALE: 2A-1998		TRANSFORMER, R.F. TUNED 14.25-16.25 MCS	
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±								MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES		DRAWN: [Signature] CHECKED: [Signature] FINAL APPROVAL: [Signature]	
								TYPE & TEMPER		ELEC. DES. APP	
								HEAT TREAT. SPEC.		MECH. DES. APP	
								FINISH & SPEC. NO.		TT-120 A	

REQ. PER. UNIT	USED ON			TT-121
	MODEL	ASS'Y. NO.	DATE	
1	CHG-1	I.F.	10-20-1950	



MODEL	REQ	FUNCTION	OPER FREQ	SYMBOL
CHG-1	1	IF INPUT, XFMR.	15MCS	TT-121



REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL
			THE TECHNICAL MATERIEL CORP.		
			MAMARONECK, NEW YORK		
			TRANSFORMER, R.F. TUNED		
			15MCS		
			DRAWN	CHECKED	FINAL APPROVAL
					TT-121
			ELEC. DES. APP	MECH. DES. APP	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.

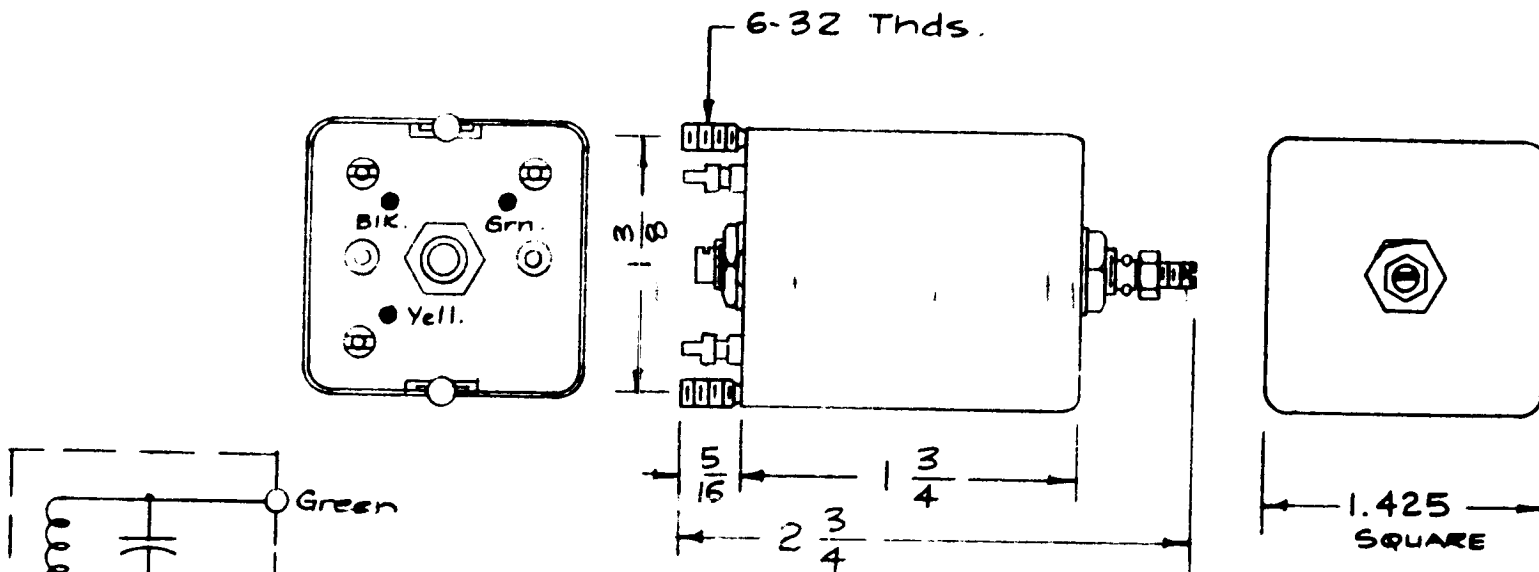
TOLERANCES	SCALE: 2Δ - 1990
DEC. DIM. ±	MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES
FRAC. DIM. ±	
ANGULAR DIM. ±	

ELECTRICAL SPEC.

INDUCTANCE: 225 μ h, Q=75,
TAP AT 115, Q=50.

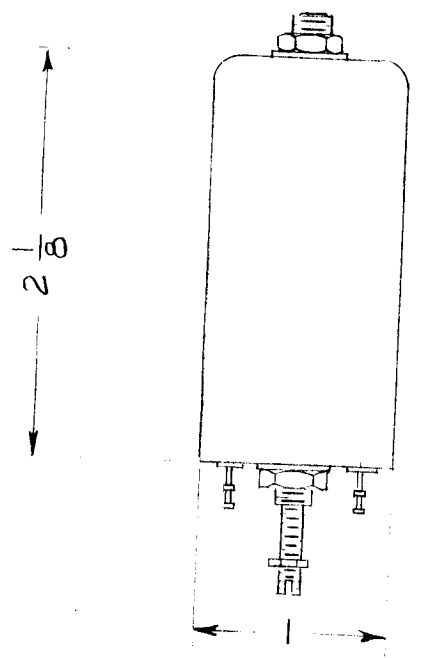
CAPACITANCE: 330 μ f, \pm 5%, 500 WVDC

REQ. PER UNIT	USED ON			TF122
	MODEL	ASSY. NO.	DATE	
1	MSR 8	Z3	10-26-60	



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
	STOCK SIZE	FIRST OSCILLATOR	
	MATERIAL	TRANSFORMER ASSY, RF	
ISSUE ITEM	CHANGED FROM	DATE	CH. NO. DRAFTS CHECKER ENG. APP.
TOLERANCES		SCALE: FULL	2A-2007
DEC. DIM. \pm	FRAC. DIM. \pm	ANGULAR DIM. \pm	MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES
TYPE & TEMPER. HEAT TREAT. SPEC.		DRAWN	CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
			TF122

REQ. PER UNIT	USED ON			TT-123	C
	MODEL	ASS'Y. NO.	DATE		
1	CHG-1	MF/RF	9-26-1960		

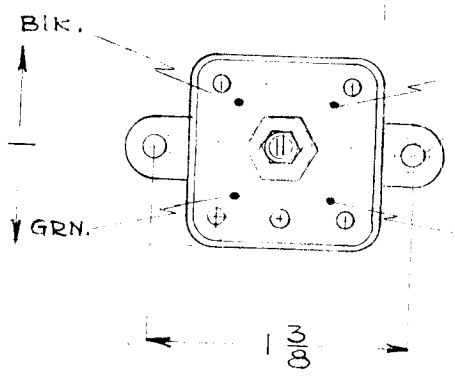


MODEL	REQ	FUNCTION	OPER FREQ MCS	SYM
CHG-1	1	MF OUTPUT	1.75-3.75	T1103

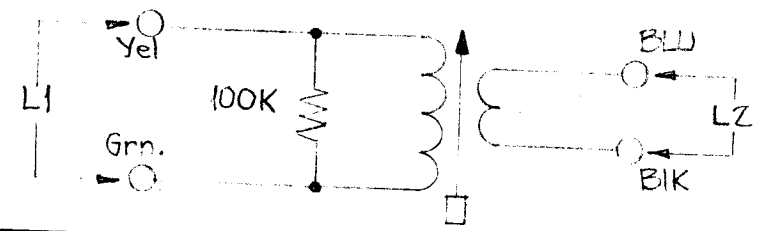
TEST DATA (W/OUT CORE)

WINDING #1
 L=21uh(±10%)
 Q=20 or Greater
 FREQ=2.5 mcs

WINDING #2
 LZ=3.5 uh(±10%)
 Q=50 or Greater
 FREQ=1.75 mcs



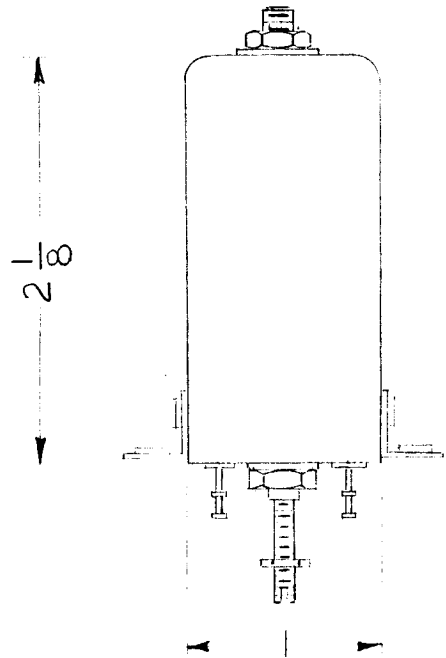
6-32 THREADS



C	1	Added FIFTH TERMINAL TO BOARD PICTORIAL	5/23/61	4937	Don	QC/5			REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL	
B	2	L ₁ was ± 1%. L ₂ was 4.3UH (± 2)	4/27/61	4780	Don	QC/6			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER RF, TUNED					
A	1	DRAWING NO. WAS AC-135	10/27/60		Don			STOCK SIZE MATERIAL TYPE & TEMPER HEAT TREAT. SPEC. FINISH & SPEC. NO.						
ISSUE ITEM CHANGED FROM			DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	TOLERANCES		SCALE: 2A-1977		DRAWN: [Signature] CHECKED: [Signature]		FINAL APPROVAL: [Signature]
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					ELEC. DES. APP		MECH. DES. APP		TT-123	C	

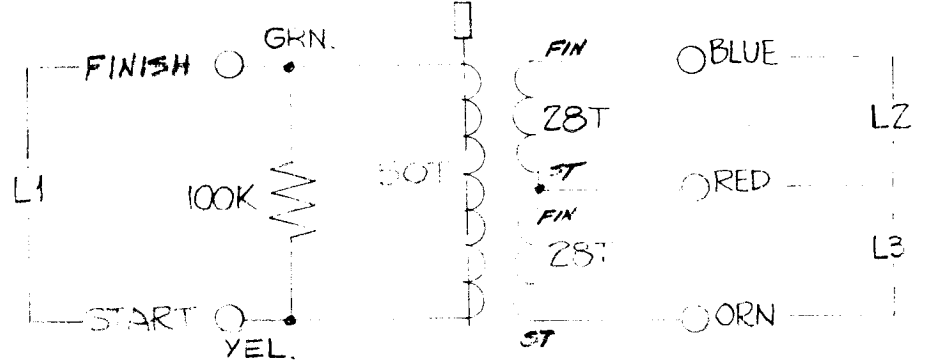
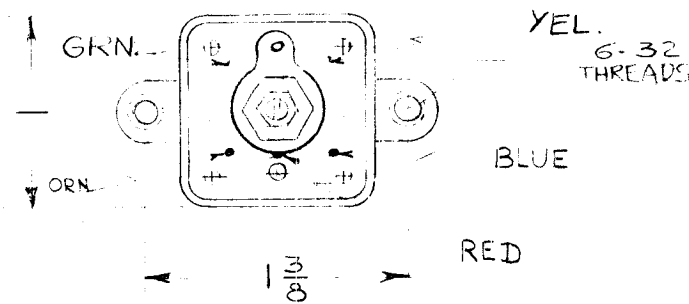
REQ. PER. UNIT	USED ON			TT-124	D
	MODEL	ASSY. NO.	DATE		
1	CHG-1	MF/RF	2-28-1950		

MODEL	REQ	FUNCTION	OPER FREQ MCS	SYMBOL
CHG-1	1	BAL. MOD. XFMR (1.75-3.75)		TT10Z



TEST DATA (W/OUT CORE)

WINDING #1 L1=2.1uh (±10%) Q=30 or Greater FREQ=2.5 mcs	WINDING #2A (TERM. 1-4) (Yellow-Green) L2=2.3 uhy ±.1 Q=15 or Greater FREQ=7.9 mc	WINDING #2B (TERM 2-3) (Orn.-Grn) L3=2.3 uhy ±.1 Q=15 or Greater FREQ=7.9 mc
--	---	--



D	-	GRN WAS YEL. YEL WAS GRN.	1/11/66	15416	2/1	QCB	
C	2	±10% added to L1	4/27/61	4780	DAN	QCB	
B	2	L2 WAS 4.8 uhy L3 WAS 4.8 uhy	2-21-60	5798	M.A.E.	J.R.	
B	1	COLOR CODE CLAR.					
A	1	DRAWING 10/2/50 AC-136	10/2/50		DON		

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE: 2A - 1379				
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				

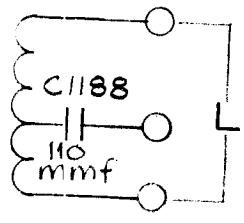
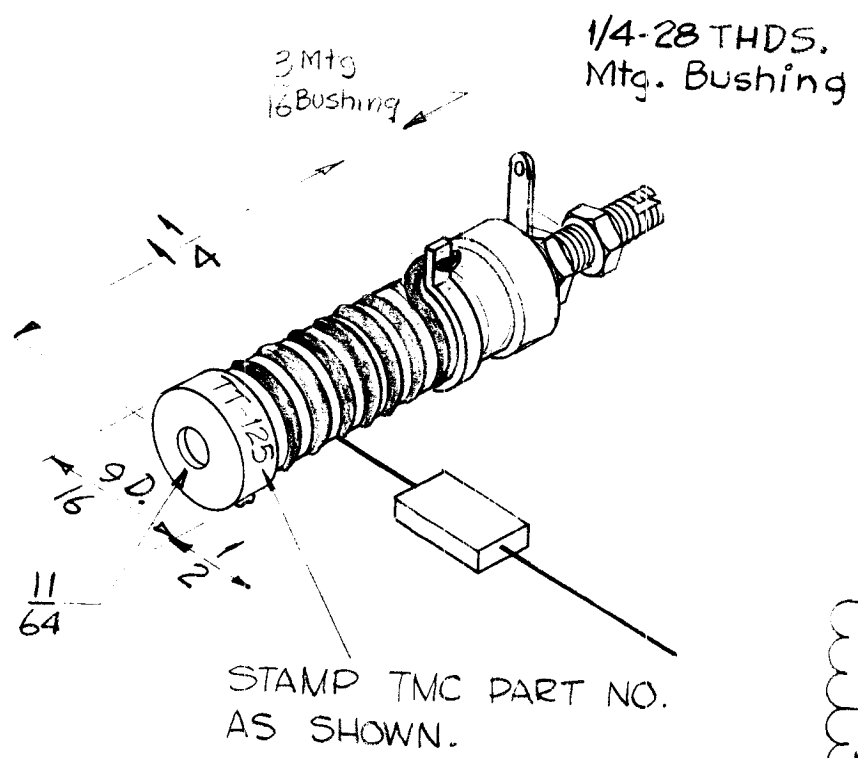
REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL
			THE TECHNICAL MATERIEL CORP.		
			MAMARONECK, NEW YORK		
			TRANSFORMER, RF, TYPE E 3		
			MATERIAL		
			TYPE & TEMPER	HEAT TREAT. SPEC.	
			FINISH & SPEC. NO.	ELEC. DES. APP	MECH. DES. APP
				DRAWN	CHECKED
					FINAL APPROVAL
					TT-124 D

REQ. PER. UNIT	USED ON			TT-125
	MODEL	SYMBOL	DATE	
1	CHG-1	T1105	12-15-60	

ELECTRICAL SPECIFICATIONS
 L-.40 (.39-.41) Microhenries in AIR.

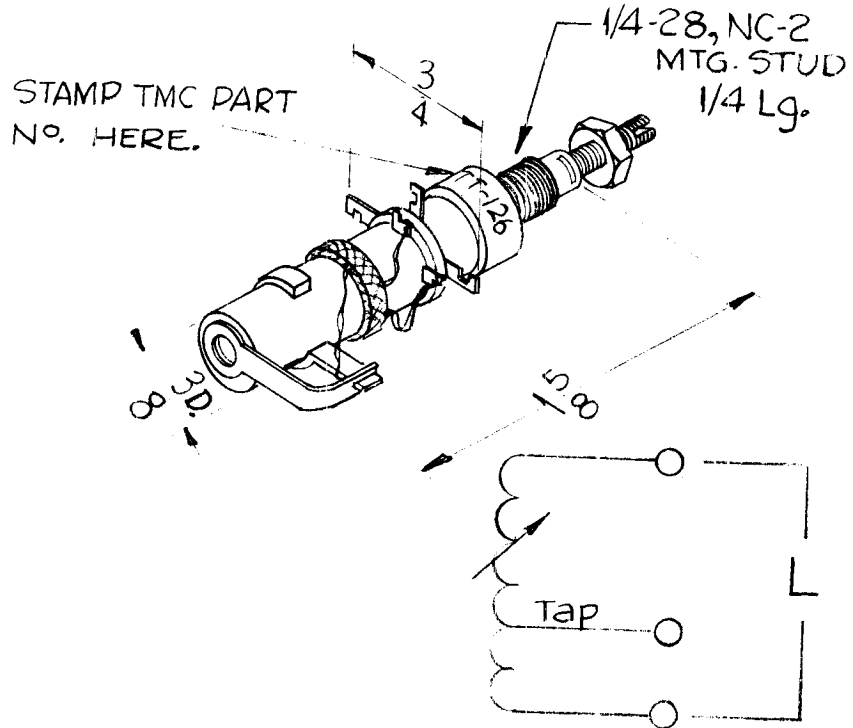
Q-170 or Greater
 FREQ (TEST) - 25 MCG.
 OPER. FREQ. - 15.75-33.75 MC

MECHANICAL SPECIFICATIONS
 TOTAL TURNS - 6 1/2
 TAP - 2 TURNS
 WIRE - No.16 BUSS
 TUNING SLUG - POWDERED IRON
 FORM - PHENOLIC



							REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL		
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
							STOCK SIZE			TRANSFORMER, RF, TUNED				
							MATERIAL			15.75 - 33.75 MC				
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.				D. D. [Signature]	[Signature]		
TOLERANCES			SCALE:		2A-2039									
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES											
FRAC. DIM. ±														
ANGULAR DIM. ±														
							TYPE & TEMPER		HEATTREAT. SPEC.		DRAWN		CHECKED	
							FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP		TT-125	

Remove Bushing Ass'y. Before
Assembling To Chassis.



REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	SYMBOL
1	CHG	MF/RF	TT116

TT-126

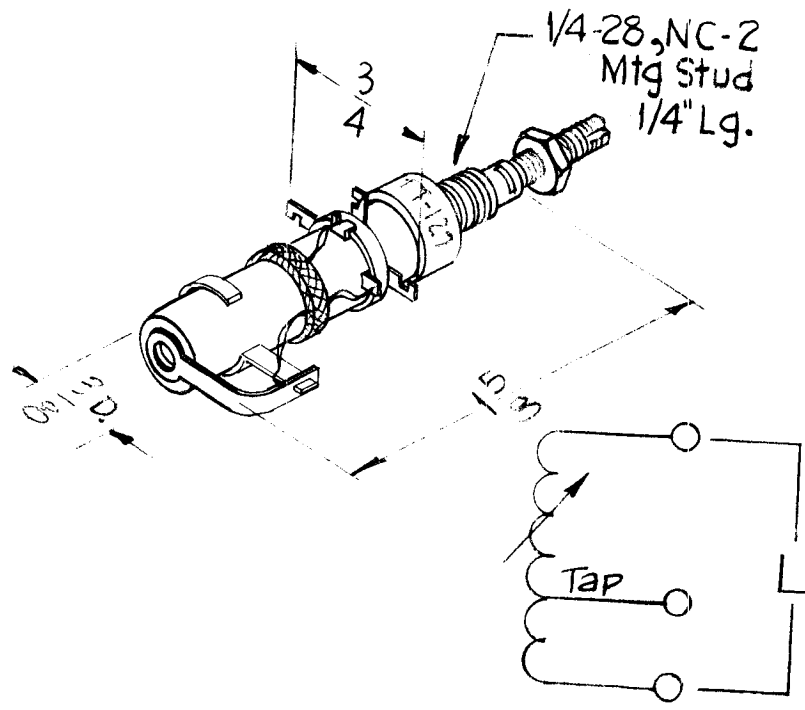
ELECTRICAL SPECIFICATIONS
 L-28±3 Microhenries (w/o Core)
 Q-60 or Greater
 FREQ.-(TEST)-2.5 Mcs.
 OPER. FREQ.-1.75-3.75 Mcs.

MECHANICAL SPECIFICATIONS
 TOTAL TURNS - 44
 TAP - 9 TURNS

TUNING SLUG - Powdered Iron
 FORM - Phenolic

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	ANST	DESCRIPTION	SYMBOL	
												THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
												TRANSFORMER, RF, TUNED		
												1.75-3.75 MC OUTPUT		
TOLERANCES		SCALE:		2A-2040				TYPE & TEMPER		HEAT TREAT. SPEC.		12-16-60	DRAWN	CHECKED
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP		TT-126
FRAC. DIM. ±														
ANGULAR DIM. ±														

Remove Bushing Ass'y Before
Assembling To Chassis.

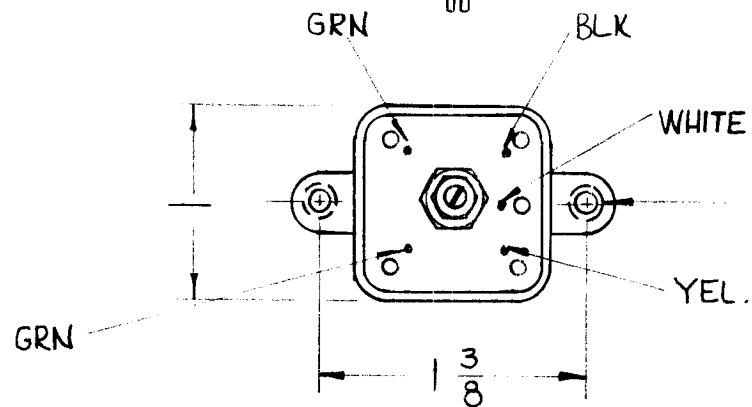
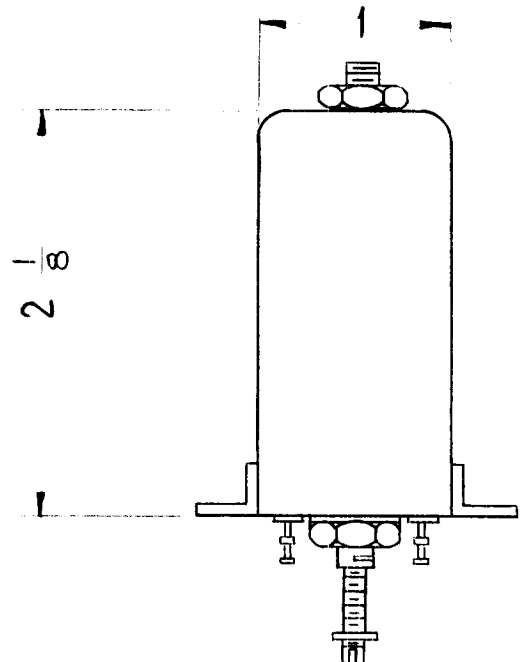


REQ. PER UNIT	USED ON			TT-127
	MODEL	ASS'Y. NO.	SYMBOL	
2	CHG-1	MF/RF	TIII2, TIII8	

ELECTRICAL SPECIFICATIONS
 L - 28 ± 3 Micronhenries (w/o Core)
 Q - 60 or Greater
 FREQ (TEST) - 2.5 MC.
 OPER. FREQ. - 1.75 - 3.75 MC.

MECHANICAL SPECIFICATIONS
 TOTAL TURNS - 44
 TAP - 17 TURNS
 TUNING SLOTS - POWDERED IRON
 FORM-PHENOLIC

ISSUE ITEM		CHANGED FROM		DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
TOLERANCES		SCALE:		2A-2041					MATERIAL		ANGER		
DEC. DIM. \pm		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES							TYPE & TEMPER		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
FRAC. DIM. \pm									HEATTREAT. SPEC.		TRANSFORMER, RF, TUNED		
ANGULAR DIM. \pm									FINISH & SPEC. NO.		1.75 - 3.75 MC		
									ELEC. DES. APP		DRAWN		
									MECH. DES. APP		CHECKED		
											FINAL APPROVAL		
											TT-127		

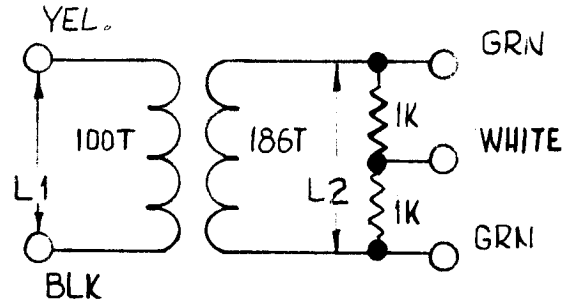


REQ. PER UNIT	USED ON			TT-133
	MODEL	ASS'Y. NO.	DATE	
1	CHG-2	MF/RF	5-24-61	

MODEL	REQ	FUNCTION	OPER. FREQ.	SYMBOL
CHG-2	1	250 KC INPUT	250 KC	T1101

TEST DATA (W/O CORE)

PRIMARY L1 L=90 uhy ±10 Q=25 or GREATER FREQ=790 KC	SECONDARY L2 L=200 uhy ±5 Q=35 or GREATER FREQ=790 KC
--	--



ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER R.F. TUNE		
TOLERANCES DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±								SCALE: ZA-3005 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
								MATERIAL		R UZZO	<i>JCB</i>	FINAL APPROVAL TT-133
								TYPE & TEMPER HEATTREAT.SPEC.		<i>S.D.</i>	<i>[Signature]</i>	
								FINISH & SPEC. NO.		ELEC. DES. APP MECH. DES. APP		

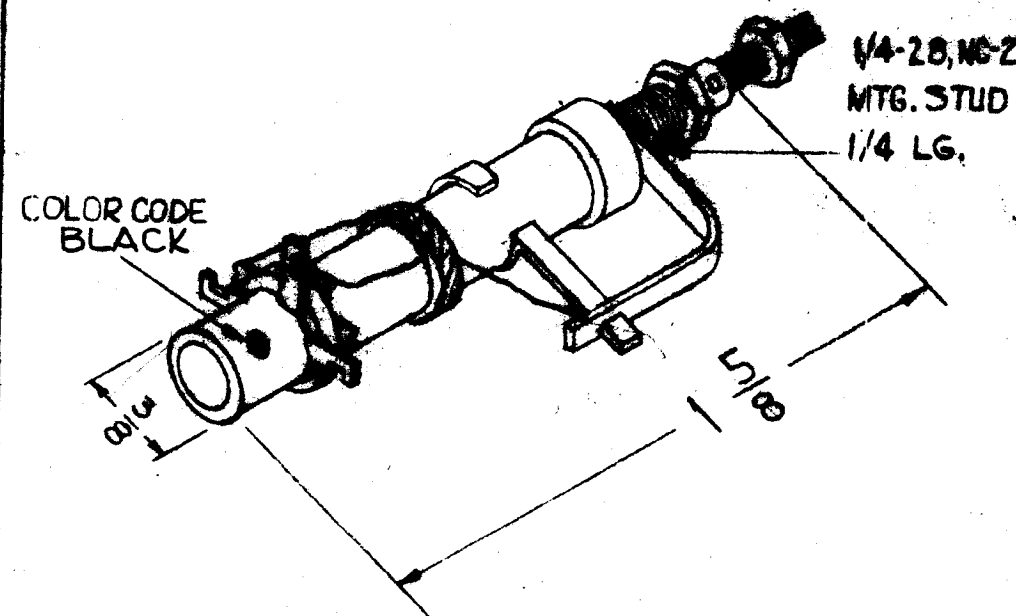
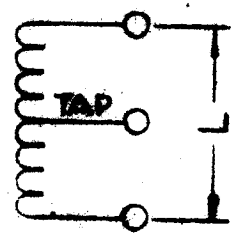
ELECTRICAL SPECIFICATIONS

L - 25.5 (23.5-27.5) Microhenries
 Q - 40 or greater
 FREQ. (Test) - 2.5 Mcs
 OPER. FREQ. - 2-4 Mcs

MECHANICAL SPECIFICATIONS

TOTAL TURNS - 42
 TAP - 8 turns
 WIRE - WI-104-541DSQS
 TUNING SLUG - Powdered Iron
 FORM - Phenolic

REV. NO.	FORM	DATE	TT-134	A
1	GP	7-6-61		



REV.	ISSUE	DATE	CHG. NO.	BY	CHECKED	ENG. APP.	DESCRIPTION	SYMBOL
A	1	8/30/61	5520	I.E.	ab	SPM	TRANSFORMER, RF TUNED	
ON ELECT. SPECS. Q. 12AS 80 CHANGED FROM TOLERANCES SCALE: 2A-3021							THE TECHNICAL MATERIAL CORP. MANHATTAN, NEW YORK R 4220 11/0	
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±							MARKING ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. INSURE ALL SURFS ARE SHINE FINISH.	TT-134 A

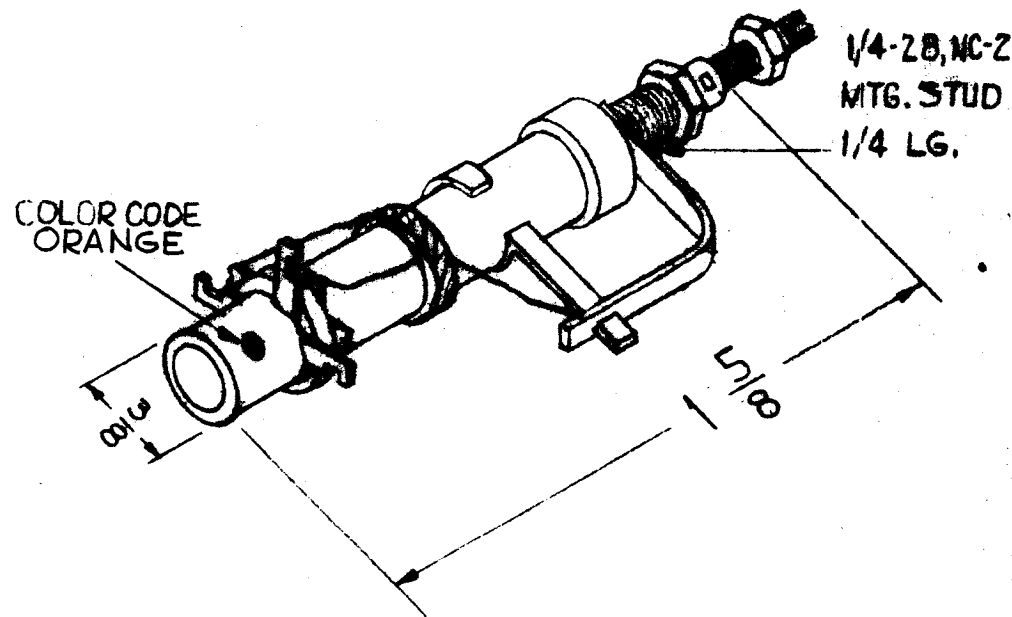
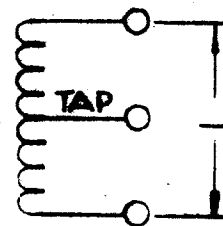
ELECTRICAL SPECIFICATIONS

L - 1.1 (1.0-1.2) Microhenries
 Q - 70 or greater
 FREQ. (Test) - 7.9 Mcs
 OPER. FREQ. - 8-16 Mcs

MECHANICAL SPECIFICATIONS

TOTAL TURNS - 12
 TAP - 6 turns
 WIRE - WI-107-5
 TUNING SLUG - Powdered Iron
 FORM - Phenolic

REV. NO.	DATE	BY	CHKD.
2	7-6-61		
MODEL	ASBY. NO.	DATE	
GPE-1		7-6-61	



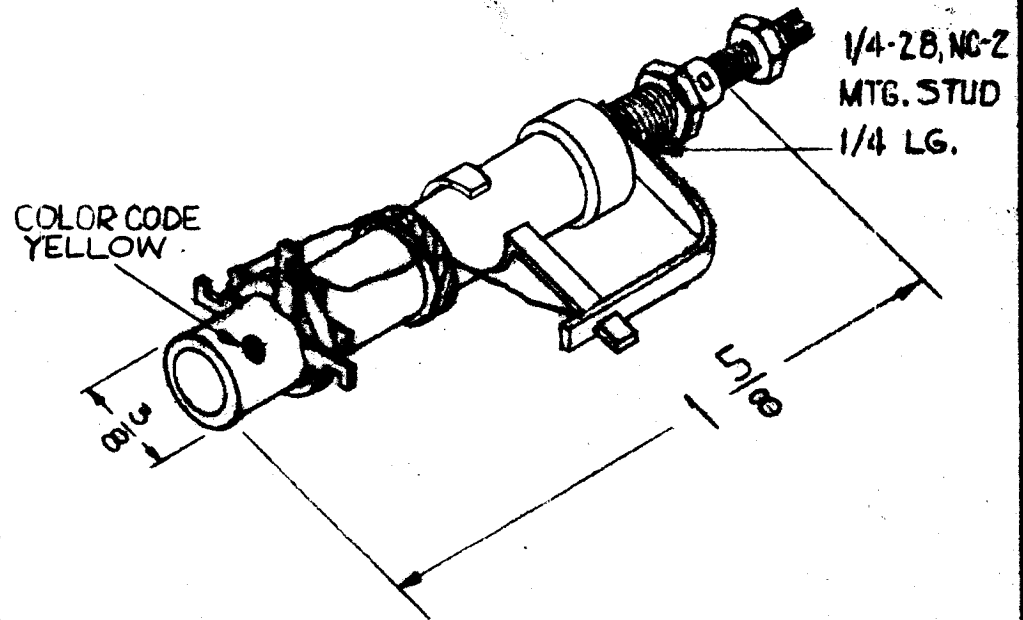
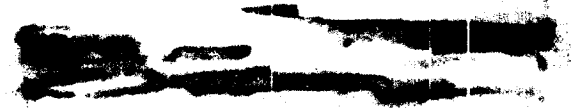
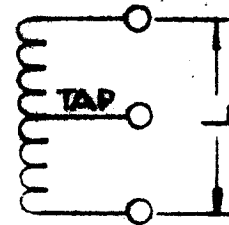
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL			
											THE TECHNICAL MATERIAL CORP. MAMARONECK, NEW YORK				
											TRANSFORMER IN RIF				
											TUNED				
											R 4220				
											DRAWN				
											FINISH & SPEC. NO.				
											FILE DES. AND TECH. DES. APP.				
TOLERANCES			SCALE: 2A-3032					TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN			
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES									TT-135			
FRAC. DIM. ±														A	
ANGULAR DIM. ±															

ELECTRICAL SPECIFICATIONS

L - 1.1 (1.0 - 1.2) Microhenries
 Q - 70 or greater
 FREQ. (Test) - 7.9 Mcs
 OPER. FREQ. - 8 - 16 Mcs

MECHANICAL SPECIFICATIONS

TOTAL TURNS - 12
 TAP - 3 turns
 WIRE - WI-107-5
 TUNING SLUG - Powdered Iron
 FORM - Phenolic



							REV.	ISSUE	PART NO.	DESCRIPTION	SYMBOL	
										THE TECHNICAL MATERIAL CORP. MANNHATTEN, NEW YORK		
										TRANSFORMER, REFINED		
A	1	ON ELECT. SPECS. Q WAS 90	8/30/61	5520	R.A.	Q12	CM					
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL				
TOLERANCES			SCALE: 2A-3033				TYPE & TEMPER		R 4320	10e		
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				HEAT TREAT. SPEC.					
							FINISH & SPEC. NO.				TF-136	A

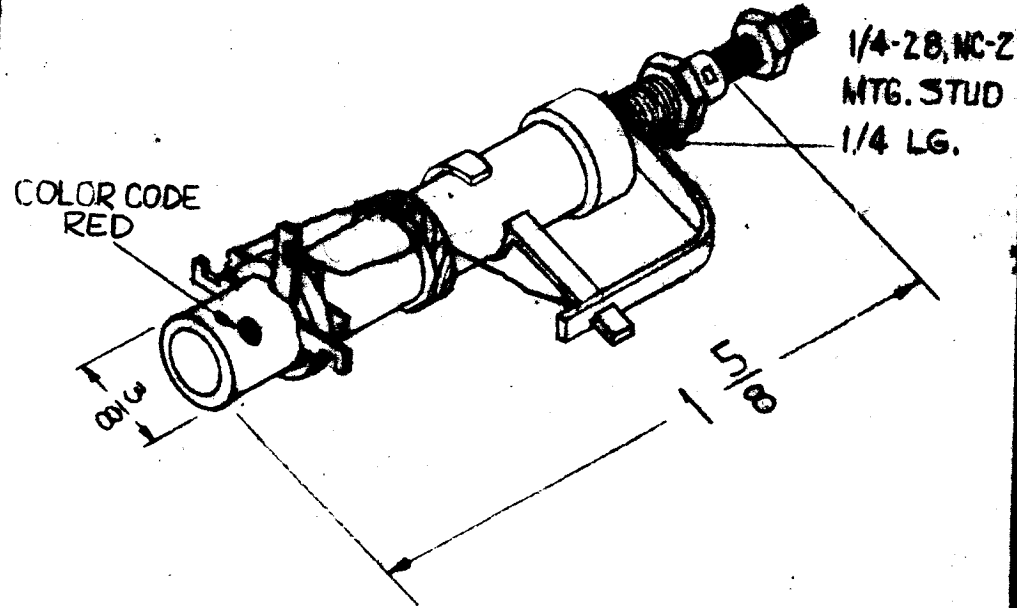
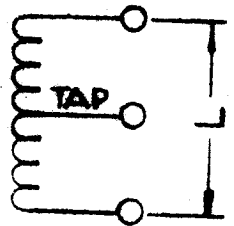
ELECTRICAL SPECIFICATIONS

L - 3.7 (3.4 - 4.3) Microhenries
 Q - 70 or greater
 FREQ. (Test) - 7.9 Mcs
 OPER. FREQ. - 4-8 Mcs

MECHANICAL SPECIFICATIONS

TOTAL TURNS - 20
 TAP - 6 turns
 WIRE - WI-107-15
 TUNING SLUG - Powdered Iron
 FORM - Phenolic

REV.	DATE	BY	APP.	SYMBOL
3	7-6-61			TT-137 A



REV.	DATE	BY	APP.	SYMBOL	DESCRIPTION	SYMBOL
A	8-30-61	5520	D.Y.	AS	ON ELECT. SPECS. Q WAS 90	TT-137 A
<p>ISSUE FROM</p> <p>CHANGED FROM</p> <p>DATE</p> <p>CH. NO.</p> <p>DRAFTS</p> <p>CHECKER</p> <p>ENG. APP.</p>					<p>THE TECHNICAL DRAWING COMP.</p> <p>MADISON, N.Y.</p> <p>TRANSFORMER, R.F. TUNED</p>	
<p>TOLERANCES</p> <p>SCALE: 2A-3031</p>					<p>R 4220</p> <p>TYPE & TEMPER.</p> <p>HEAT TREAT. SPEC.</p> <p>DRAWN</p> <p>CHECKED</p>	
<p>DEC. DIM. ±</p> <p>FRAC. DIM. ±</p> <p>ANGULAR DIM. ±</p> <p>MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES</p>					<p>FINISH & SURF. NO.</p> <p>TT-137 A</p>	

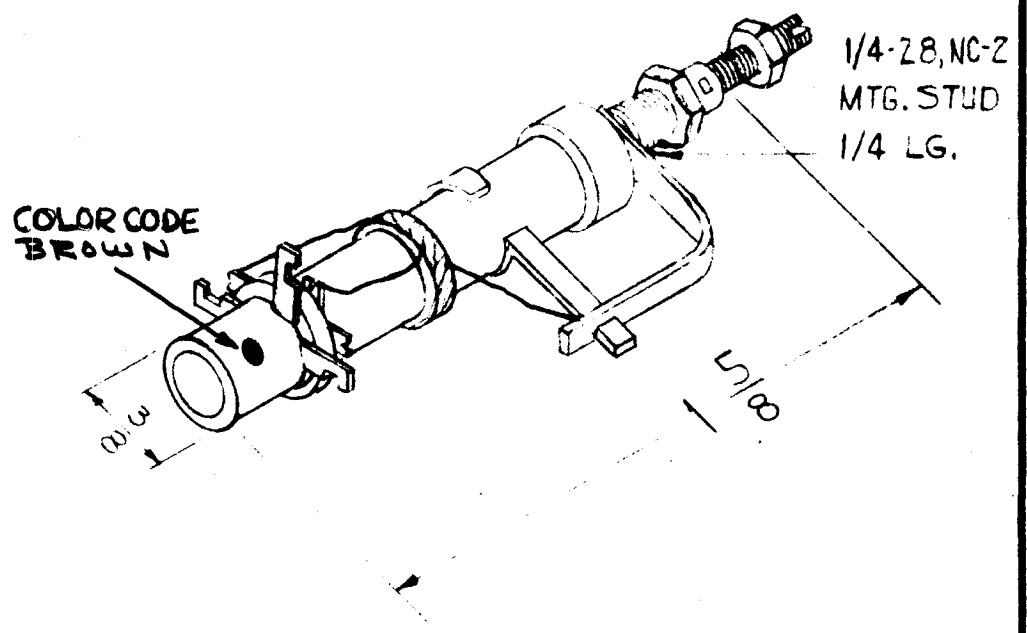
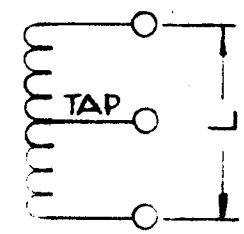
ELECTRICAL SPECIFICATIONS

L - 25.5 (23.5 - 27.5)
 Q - 40 or greater
 FREQ. (Test) - 2.5 Mcs.
 OPER. FREQ. - 2 - 4 Mcs.

MECHANICAL SPECIFICATIONS

TOTAL TURNS - 42
 TAP - 16
 WIRE - WI-104-541 DSQS
 TURNING SLUG - Powdered Iron
 FORM - Phenolic

REQ. PER UNIT	USED ON			TT-138	A
	MODEL	ASS'Y. NO.	DATE		
1	GPE-1		7-6-61		

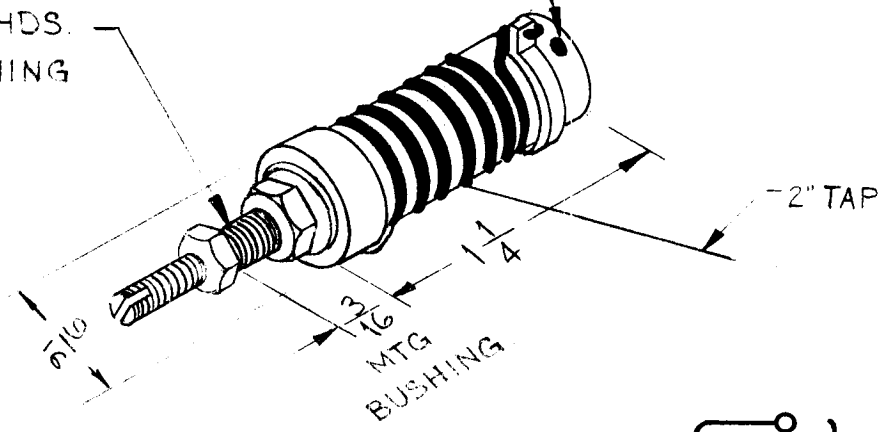


ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL											
<p>TOLERANCES</p> <p>DEC. DIM. ±</p> <p>FRAC. DIM. ±</p> <p>ANGULAR DIM. ±</p>								<p>SCALE: 2A-2100</p> <p>MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES</p>				<p>TYPE & TEMPER</p> <p>HEAT TREAT. SPEC.</p>		<p>FINISH & SPEC. NO.</p>		<p>THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER, RF, TUNED</p>		TT-138 A					
<p>ATTENTION ON ELECT. SPECS. Q WAS 60</p>								<p>8-30-61</p>		<p>5520</p>		<p>S.A.</p>		<p>005</p>		<p>R UZZO</p>			<p>DRAWN</p>		<p>CHECKED</p>		<p>FINAL APPROVAL</p>

REQ. PER. UNIT	USED ON			TT-139
	MODEL	ASS'Y. NO.	DATE	
2	GPE-1	R.F. SECTION	7-21-61	

COLOR CODE DOT (RED).

$\frac{1}{4}$ - 28 THDS. MTG. BUSHING

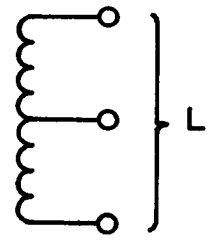


ELECTRICAL SPECIFICATIONS

L - .40 (.39 - .41) Microhenries
 Q - 170 or greater
 FREQ. (Test) - 25 Mcs.
 OPER. FREQ. - 16-32 Mcs.

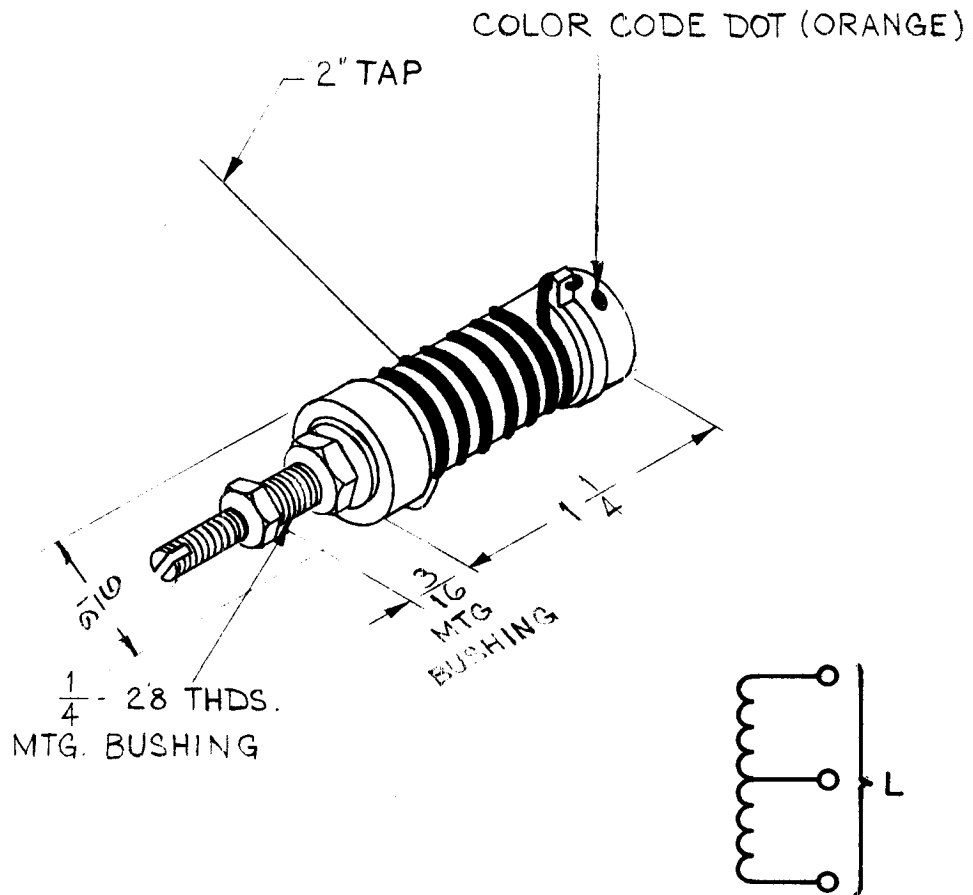
MECHANICAL SPECIFICATIONS

TOTAL TURNS - 6-1/2
 TAP - 4 turns
 WIRE - No. 16 Buss
 TUNING SLUG - Powdered Iron
 FORM - Phenolic



								REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL							
								STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK									
								MATERIAL		TRANSFORMER, R.F. TUNED									
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL		DRAWN	CHECKED	FINAL APPROVAL							
TOLERANCES			SCALE: Do Not Scale (2A-3022).							W.A.F.	R. UZZO								
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN		CHECKED		FINAL APPROVAL			
FRAC. DIM. ± 1/64																			
ANGULAR DIM. ±																			
								FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP		TT-139					

REQ. PER. UNIT	USED ON			TT-140
	MODEL	ASS'Y. NO.	DATE	
1	GPE-1	RF SECTION	7-21-61	

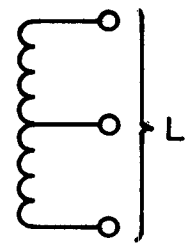


ELECTRICAL SPECIFICATIONS

L - .40 (.39-.41) Microhenries
 Q - 170 or greater
 FREQ. (Test) - 25 Mcs.
 OPER. FREQ. - 16-32 Mcs.

MECHANICAL SPECIFICATIONS

TOTAL TURNS - 6-1/2
 TAP - 1-1/2 turns
 TUNING SLUG - Powdered Iron
 FORM - Phenolic
 WIRE - No. 16 Buss

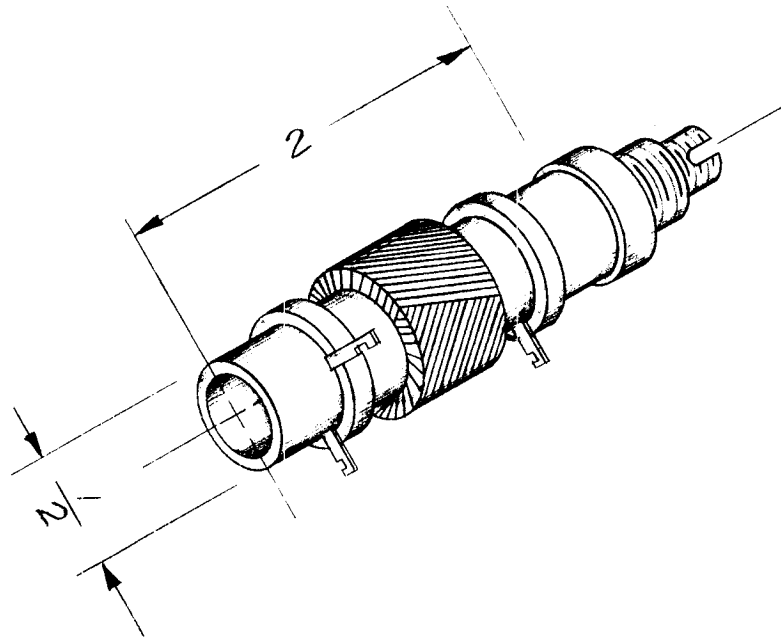


ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL			
											THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER, RF TUNED				
TOLERANCES								SCALE: Do Not Scale (2A-2110)							
DEC. DIM. ± FRAC. DIM. ± 1/64 ANGULAR DIM. ±								MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES							
								MATERIAL		DRAWN		CHECKED		FINAL APPROVAL	
								TYPE & TEMPER		HEAT TREAT. SPEC.		<i>MAF</i> <i>RUEZZO</i> <i>H. J.</i>			
								FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP		TT-140	

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

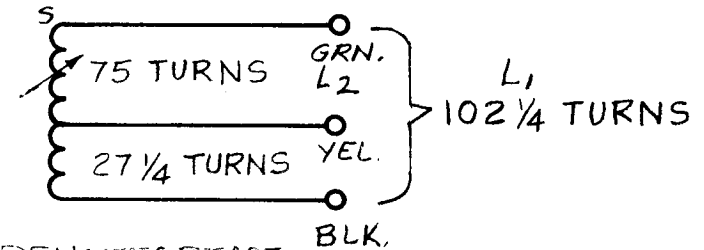
REQ. PER UNIT	USED ON			TT-141
	MODEL	ASS'Y. NO.	DATE	
	GPR-92		10-6-61	

FUNCTION	OPER. FREQ.	SYMBOL
OCS. COIL BAND 1	.995 TO 1.855 MC	T118



Q - L1 = 95 >
 L2 = 95 >
 L - yh
 L1 = 115 (106 - 116)
 L2 = 71 (67 - 75)
 F - L1 - 2.52 MC
 L2 - 2.52 MC

— SCHEMATIC —



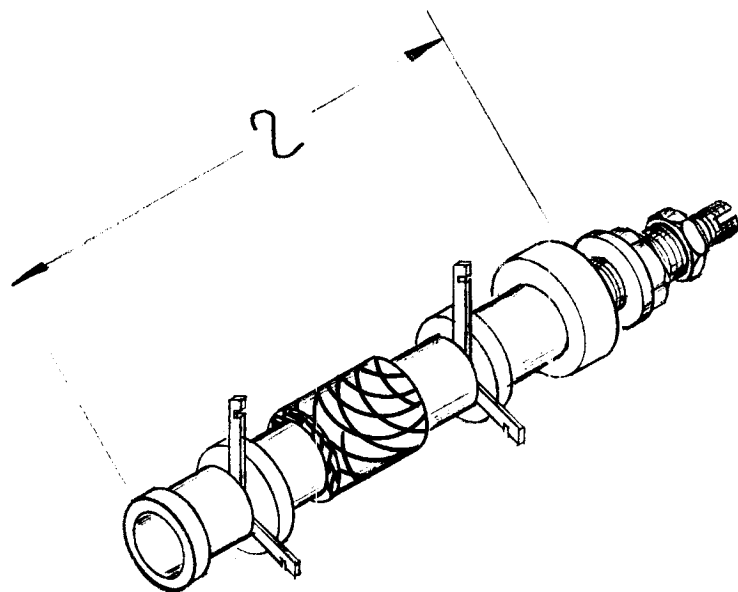
							REQ.	ITEM	PART NO.	GELLMAN	DESCRIPTION	SYMBOL	
											THE TECHNICAL MATERIEL CORP.		
											MAMARONECK, NEW YORK		
											TRANSFORMER, RF. TUNED		
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.							
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°		SCALE: 2A-212A		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES							WH	TE 7/1/61	RJC
							TYPE & TEMPER	HEAT TREAT. SPEC.		DRAWN	CHECKED	FINAL APPROVAL	
												TT-141	
							FINISH & SPEC. NO.			ELEC. DES. APP.	MECH. DES. APP.		

FUNCTION	OPER FREQ	SYMBOL	REQ. PER. UNIT	USED ON			TT-142
				MODEL	ASSY. NO.	DATE	
OSC. COIL BAND 2	1.855 - 3.755 MC	T119	1	GPR-92	A2125	9-12-61	

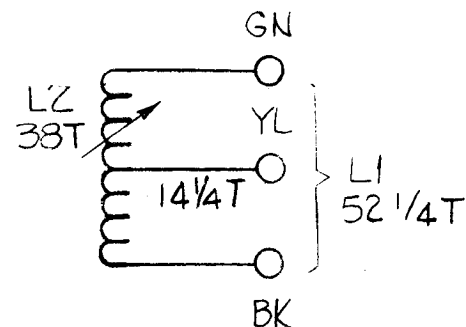
Q- L 1 - 100 or greater
L 2 - 90 or greater

L (μh) L 1 - 20.5 (19.5 - 21.5)
L 2 - 13.5 (12.9 - 14.1)

FREQ. - L 1 - .2.5 MC
L 2 - .2.5 MC



— SCHEMATIC —



FREQ. RANGE: 1.855 TO 3.755 MC

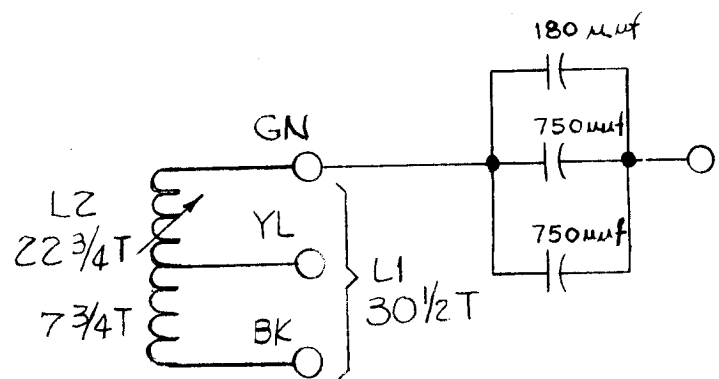
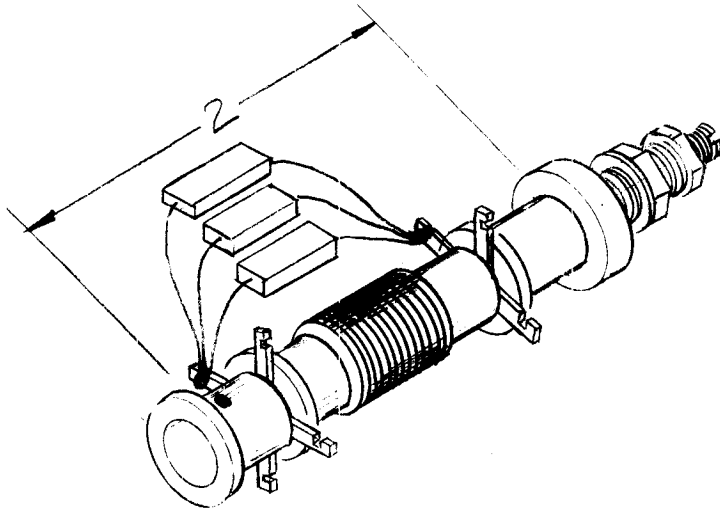
								REQ.	ITEM	PART NO.	GELLMAN	DESCRIPTION	SYMBOL
								STOCK SIZE			THE TECHNICAL MATERIEL CORP.		
								MATERIAL			MAMARONECK, NEW YORK		
											TRANSFORMER, RF TUNED		
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			DRAWN	CHECKED	FINAL APPROVAL	
TOLERANCES			SCALE: 2A-2125							RUZZO	JR 2/12/64	RJC	
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER		HEATTREAT. SPEC.	ELEC. DES. APP		TT-142
FRAC. DIM. ±								FINISH & SPEC. NO.		MECH. DES. APP			
ANGULAR DIM. ±													

FUNCTION	OPER. FREQ	SYMBOL	REQ. PER. UNIT	USED ON		
				MODEL	APPY. NO.	DATE
OSC. COIL BAND 3	3.755 - 6.055 MC	T120	1	GPR-92		9-12-61

TT-143

SPECIFICATIONS

- Q- L1 100 OR GREATER
- L2 -85 OR GREATER
- Luh- L1 8.2 (7.8 - 8.6)
- L2-5.5 (5.25 - 5.78)
- F- L1-7.9MC
- L2-7.9MC



FREQ. RANGE 3.755
to 6.055 MC

— SCHEMATIC —

				REQ.	ITEM	PART NO.	GELLMAN	DESCRIPTION	SYMBOL			
							THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK					
							TRANSFORMER, RF TUNED					
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.					
TOLERANCES			SCALE: 2A-2126									
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES									
FRAC. DIM. ±												
ANGULAR DIM. ±												
								TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
								FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	TT-143

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT

MODEL
GPR-92

USED ON

ASS'Y. NO.

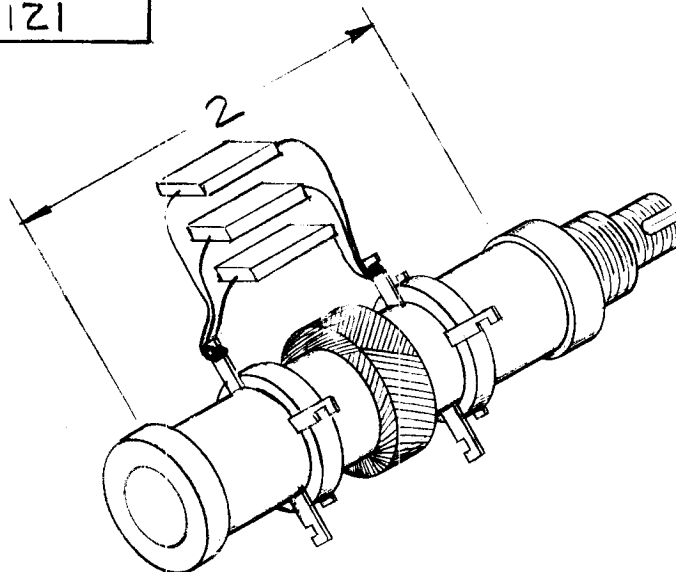
DATE

10-6-61

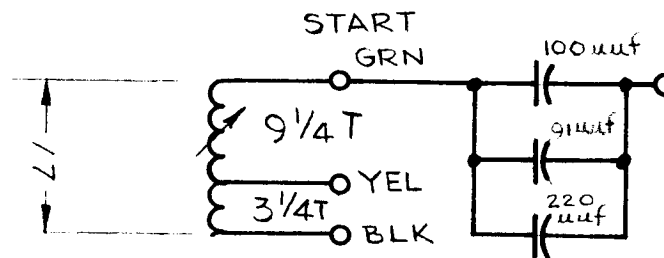
TT-144

FUNCTION	OPER. FREQ.	SYMBOL
OSC. COIL BAND 4	9.555-13.455	T1Z1

Q - 105 or GREATER
L - 1.2 - 1.5 μ h
F - 7.9 MC



SCHEMATIC



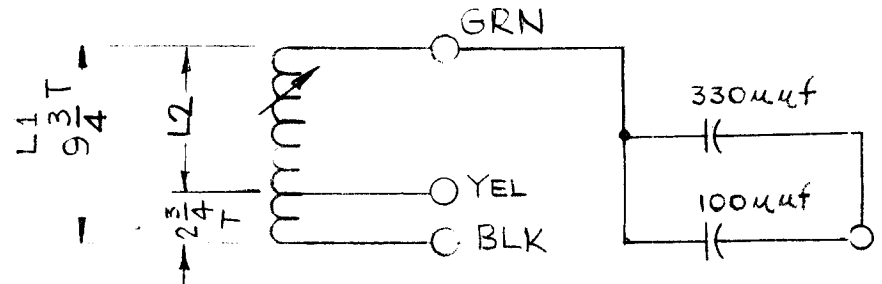
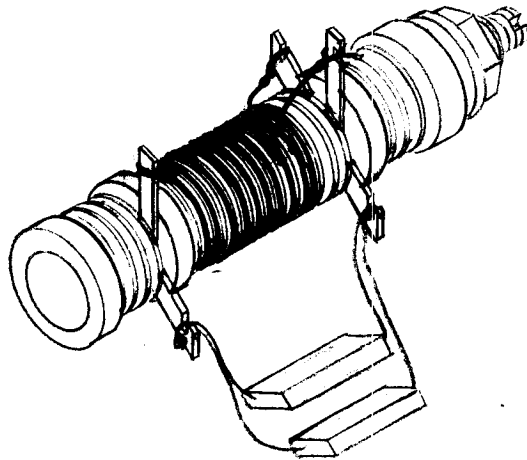
FREQ. RANGE: 5.4 - 9.6 MC

REQ.	ITEM	PART NO.	GELLMAN DESCRIPTION		SYMBOL						
			THE TECHNICAL MATERIEL CORP.								
			MAMARONECK, NEW YORK								
			TRANSFORMER, RF TUNED								
			MATERIAL								
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.					
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. $\pm 1/64$ DEC. $\pm .005$ ANGLES $\pm 1/2^\circ$		SCALE: 2A-2127									
		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES		TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL			
						<i>Woh</i>	<i>TR 2/12/64</i>	<i>RJL</i>			
						<i>Murphy</i>	<i>MP</i>	<i>TT-144</i>			
				FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.				

FUNCTION	OPER. FREQ.	SYMBOL	REQ. PER. UNIT	USED ON			TT-145
				MODEL	ASSY. NO.	DATE	
OSC. COIL BAND 5	13.455 MC TO 21.455 MC	T123	1	GPR-92	A-2128	9-14-61	

SPECIFICATIONS

IND. - L1 - 0.76 (0.68 - 0.84) μ h
 L2 - 0.50 (0.45 - 0.55) μ h
 Q- 225 OR GREATER
 F- 25 MC.



FREQ RANGE 13.455 - 21.455 MC

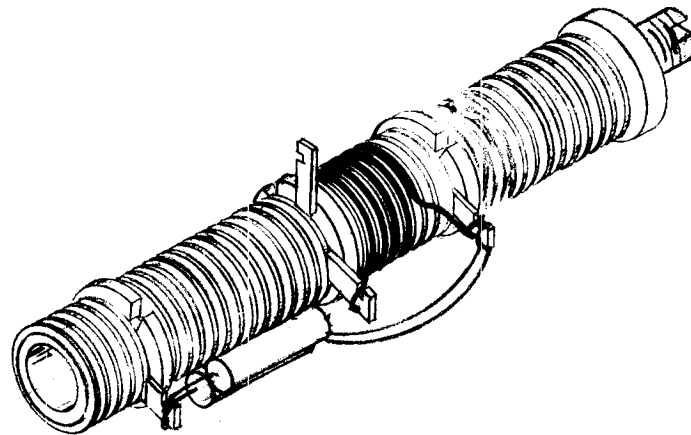
SCHEMATIC —

							REQ.	ITEM	PART NO.	GELLMAN	DESCRIPTION	SYMBOL	
											THE TECHNICAL MATERIEL CORP.		
											MAMARONECK, NEW YORK		
											TRANSFORMER RF TUNED		
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL		RHZZB TR 2/12/64 2/12/64	RJC		
TOLERANCES			SCALE:				TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
DEC. DIM. \pm FRAC. DIM. \pm ANGULAR DIM. \pm			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES										
							FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	TT-145		

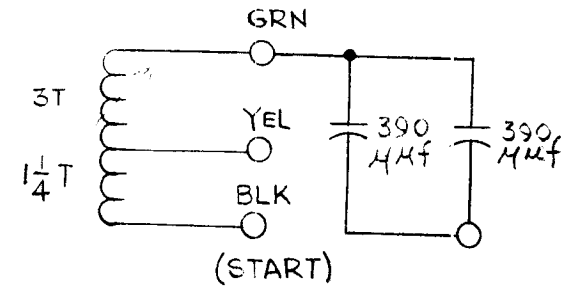
FUNCTION	OPER. FREQ.	SYMBOL	REQ. PER. UNIT	USED ON		
OSC. COIL BAND G	21.255 TO 36.255 MC	T124	1	MODEL	ASS'Y. NO.	DATE
				GPR 92		9-13-61
TT-146						

SPECIFICATIONS

- Q - 145 OR GREATER
- L - .22 - 28 μ h
- F - 25 MC.



SCHEMATIC



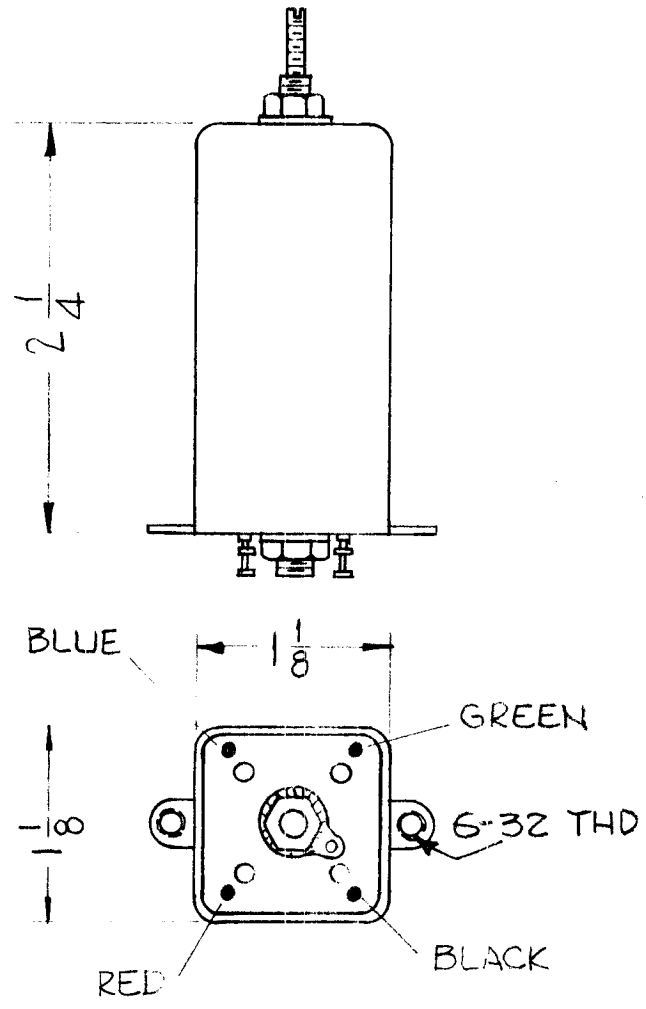
NOT TO SCALE

FREQ. RANGE 21.255 to 36.255 MC

								REQ.	ITEM	PART NO.	GELLMAN	DESCRIPTION	SYMBOL		
								STOCK SIZE			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
								MATERIAL			TRANSFORMER, RF TUNED				
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			DRAWN	CHECKED	FINAL APPROVAL			
TOLERANCES			SCALE: 2A-2129							REBZO	T.B. 2/12/62	RAL			
1" C. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER		HEAT TREAT. SPEC.		ELEC. DES. APP			
C. DIM. ±								FINISH & SPEC. NO.		MECH. DES. APP				TT-146	
ULAR DIM. ±															

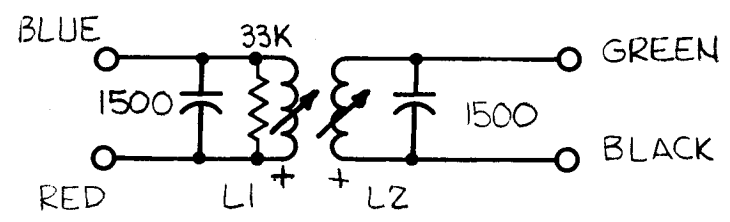
REQ. PER UNIT	USED ON			TT-147
	MODEL	ASSY. NO.	DATE	
1	GPR-92		10-2-61	

MODEL	REQ	FUNCTION	OPER. FREQ.	SYMBOL
GPR-92	1	FIRST IF TRAN	455 KC	T122



ELECTRICAL SPECS.
 Q-SEC-35-40
 PRI-35-40
 Lwh-SEC-48
 PRI-48
 FREQ-SEC-2.5 MC
 PRI-2.5 MC

MECHANICAL SPECS
 CASE-ALUMINUM
 CASE FINISH-NATURAL
 TERM BOARD-PHENOLIC



(+) INDICATES START OF WINDING

								REQ.	ITEM	PART NO.	GELLMAN	DESCRIPTION	SYMBOL				
											THE TECHNICAL MATERIEL CORP.						
											MAMARONECK, NEW YORK						
											TRANSFORMER IF TUNED						
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.										
TOLERANCES			SCALE: 24-2130									RUZZO					
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES														
FRAC. DIM. ±																	
ANGULAR DIM. ±																	
							TYPE & TEMPER	HEATTREAT. SPEC.			DRAWN	CHECKED	FINAL APPROVAL				
							FINISH & SPEC. NO.				ELEC. DES. APP	MECH. DES. APP	TT-147				

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT

1

GPR-92

USED ON

MODEL

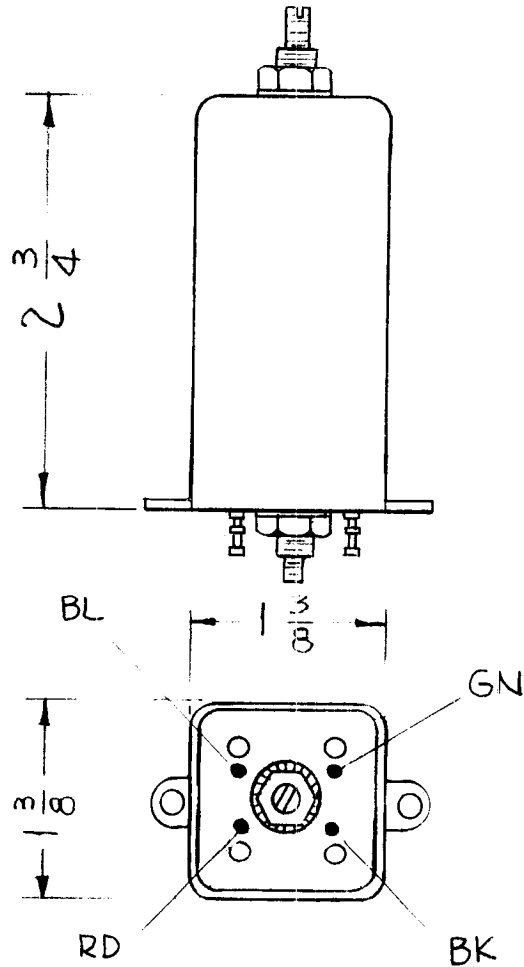
ASS'Y. NO.

DATE

10-16-62

TT-148

MODEL	REQ	FUNCTION	OPER FREQ	SYMBOL
GPR-92	1	FIRST IF TRAN.	3955KC	T-125

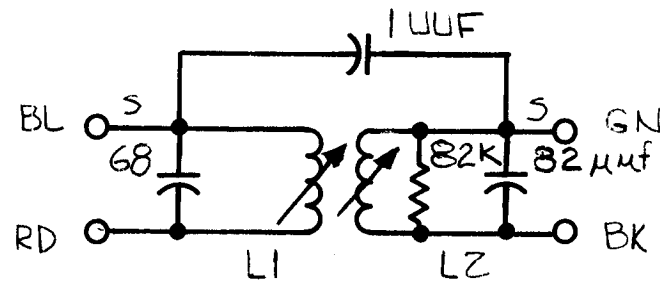


ELECTRICAL SPEC

Q-SEC-100
 PRI-100
 L_{pk}-SEC-9.5
 PRI-9.5
 FREQ-SEC-7.95 MC
 PRI-7.95 MC

MECHANICAL SPEC

CASE - ALUMINUM
 CASE FINISH - NATURAL
 TERM. BOARD - PHENOLIC



(S) INDICATES START OF WINDING

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	GELLMAN DESCRIPTION	SYMBOL	
									THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
									TRANSFORMER, IF TUNED		
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°		SCALE: 24. 2131					MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
									RUZZO	TR 2/12/64	
									DRAWN	CHECKED	
										FINAL APPROVAL	
										TT-148	
									ELEC. DES. APP.	MECH. DES. APP.	

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REQ. PER UNIT

1

USED ON

MODEL

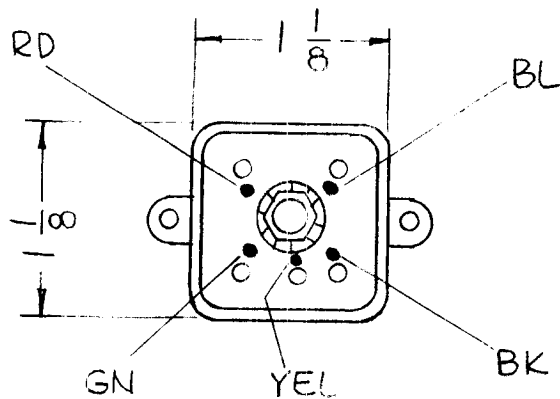
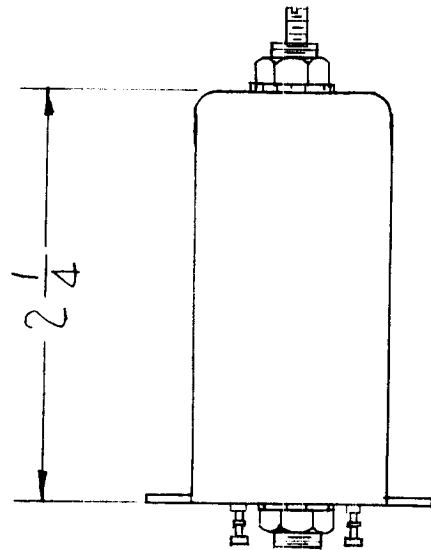
GPR 92

ASSY. NO.

DATE

10-3-61

TT-149



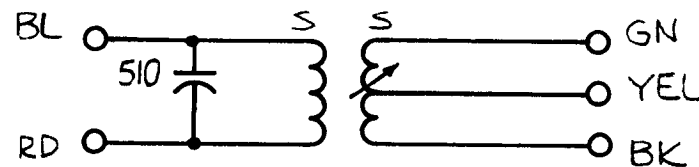
MODEL	REQ	FUNCTION	OPER. FREQ	SYMBOL
GPR-92	1	IF LINK I	455 KC	T126

ELECTRICAL SPECS

Q-SEC-40-50
 PRI - 40-50
 L uh-SEC-134
 PRI - 134
 FREQ-SEC-795 KC
 PRI-795 KC
 SEC. TAP - 75 TURNS

MECHANICAL SPECS

CASE-ALUMINUM
 CASE FINISH-NATURAL
 TERM BOARD-PHENOLIC



(S) INDICATES START OF WINDING

REQ. ITEM PART NO.							GELLMAN DESCRIPTION SYMBOL		
							THE TECHNICAL MATERIEL CORP.		
							MAMARONECK, NEW YORK		
							TRANSFORMER IF TUNED		
MATERIAL									
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			
UNLESS OTHERWISE SPECIFIED:		SCALE: 2A-2132					DRAWN		
DIMENSIONS ARE IN INCHES.		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					CHECKED		FINAL APPROVAL
TOLERANCES ON							ELEC. DES. APP.		MECH. DES. APP.
FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°									

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REQ. PER UNIT

1

MODEL
GPR 92

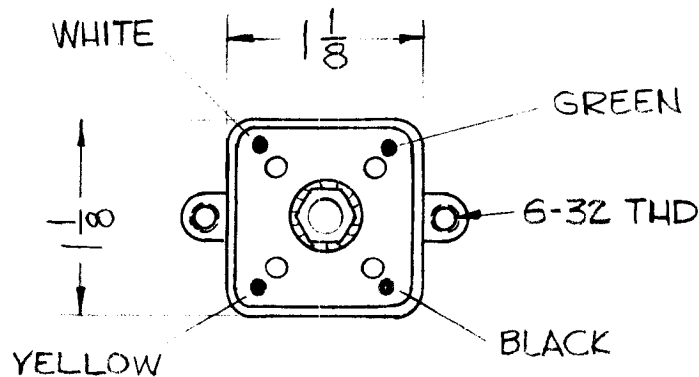
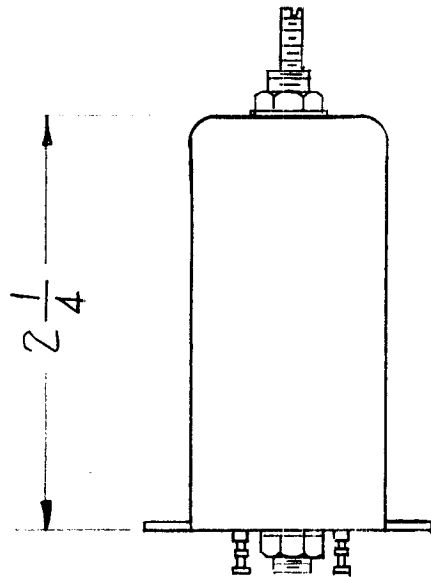
USED ON

ASSY. NO.

DATE

10-3-61

TT-150



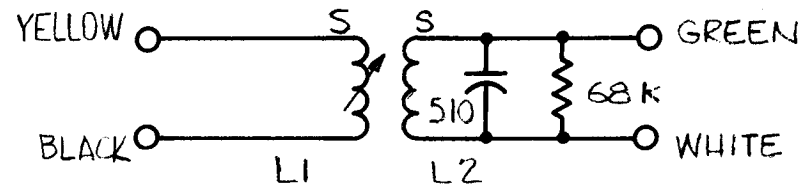
MODEL	REQ	FLINCTION	OPER FREQ	SYMBOL
GPR-92	1	IF TRAN.	455 KC	T127

ELECTRICAL SPECS

Q-SEC-40-50
PRI-40-50
Luh-SEC-134
PRI-30
FREQ-SEC-795 KC
PRI-2.52 MC

MECHANICAL SPECS

CASE-ALUMINUM
CASE FINISH-NATURAL
TERM BOARD-PHENOLIC

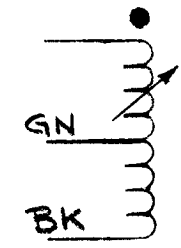


(S) INDICATES START OF WINDING

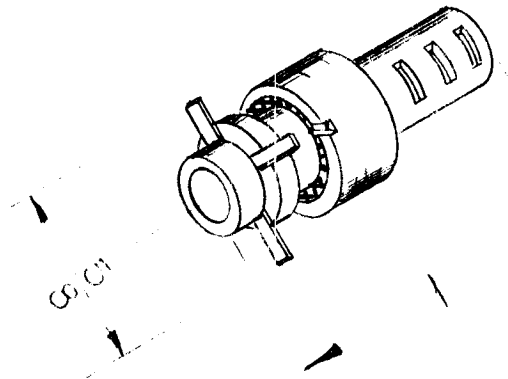
REQ.	ITEM	PART NO.	STANDARD	DESCRIPTION	SYMBOL							
				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK								
			STOCK SIZE	TRANSFORMER, IF TUNED								
			MATERIAL									
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.						
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°		SCALE: 2A-2133		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES								
							TYPE & TEMPER	HEATTREAT.SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
											TT-1501	
							FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.		

REQ. PER. UNIT	USED ON			TT-153	Ø
	MODEL	ASS'Y. NO.	DATE		
1	GPR-92		9-8-61		

— SCHEMATIC —



● INDICATES
START OF
WINDING



SPECIFICATIONS

Q- PRI- 50 OR GREATER
L UH- PRI- 190
FREQ- PRI- 790KC

							REQ. ITEM	PART NO.	STRUMER	DESCRIPTION	SYMBOL	
									THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
							STOCK SIZE		TRANSFORMER, IF TUNED			
							MATERIAL					
							TYPE & TEMPER		DRAWN		CHECKED	FINAL APPROVAL
							FINISH & SPEC. NO.		ELEC. DES. APP		MECH. DES. APP	TT-153
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±							MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					
ORIGINAL RELEASE FOR PRODUCTION CHANGED FROM							DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	
TOLERANCES							SCALE: 2A-2138					
Ø							1-21-65	Ø	15.			
									RUZZA	file	RJC	
										ME		Ø

REQ. PER. UNIT	USED ON			TT-154
	MODEL	ASSY. NO.	DATE	
1	GPR-92		9-8-51	

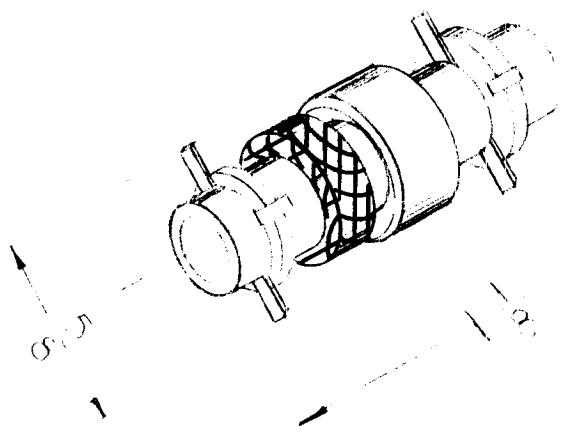
SPECIFICATIONS

Q- SEC.- 55 OR GREATER*
PRI.- 50 OR GREATER

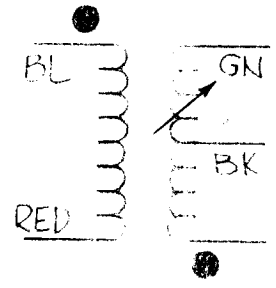
L UH- SEC.-190*
PRI.-220

FREQ- SEC.-790KC
PRI.-790KC

* WITHOUT TUNING CORE



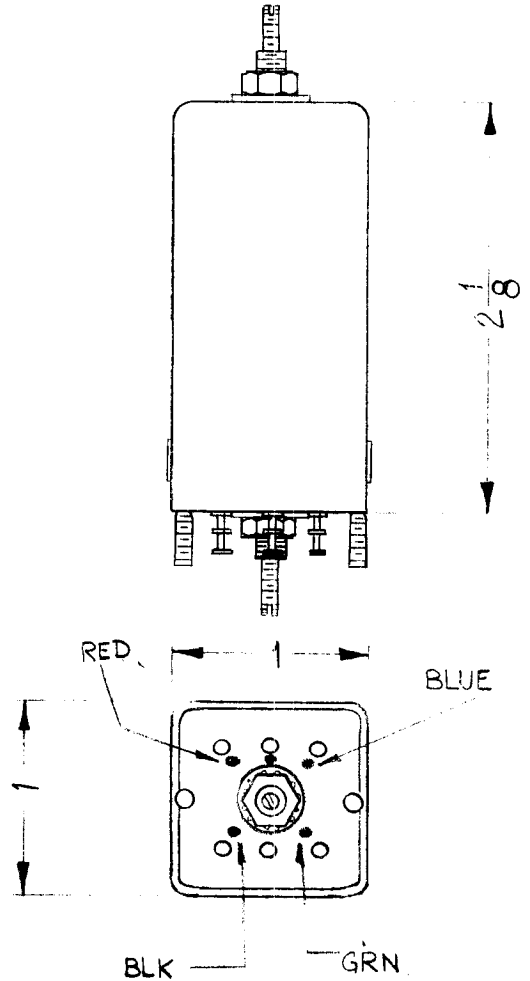
SCHEMATIC



● INDICATES START OF WINDING

							REQ. ITEM	PART NO.	STROMER	DESCRIPTION	SYMBOL	
							STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
ORIGINAL RELEASE FOR PRODUCTION							1-2165	2L	TRANSFORMER, 2F TUNED			
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL				
TOLERANCES			SCALE: 2A-2139				TYPE & TEMPER		HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				FINISH & SPEC. NO.		ELEC. DES. APP	MECH. DES. APP	TT-154	

REQ. PER UNIT	USED ON			TT-157	B
	MODEL	ASSY. NO.	DATE		
	SBS		9-27-61		



TMC PART No	MODEL	REQ	FUNCTION	OPER FREQ	SYMBOL
TT157	HFI-1	1	INTERSTAGE TRANSF	250 KC	T102
	SBS-1	1	INTERSTAGE TRANSF	250 KC	T102
TT157-2	SBS-7	1	INTERSTAGE TRANSF	205 KC	T102

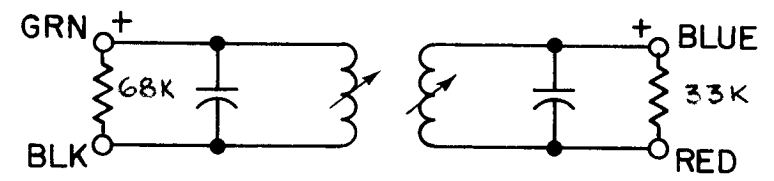
ELECTRICAL SPEC. MECHANICAL SPEC.

PRIMARY SECONDARY CASE ~ ALUMINUM

IND: 600^{±5%}uh IND: 1 MH CASE FINISH- NATURAL

Q: 40 OR GREATER Q: 40 OR GREATER TERM BOARD ~ PHENOLIC

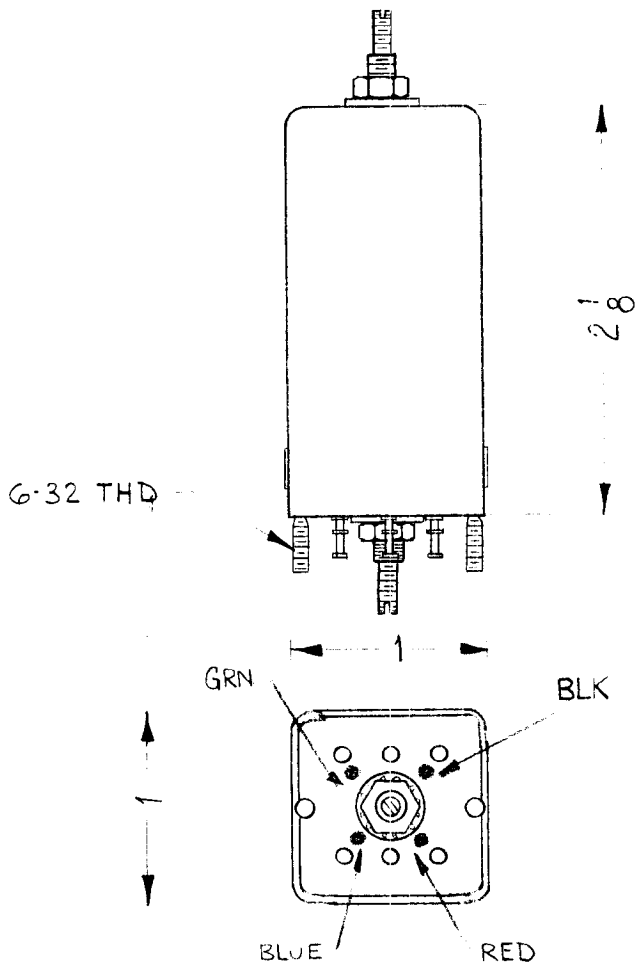
FREQ: 790 FREQ: 790



SCHEMATIC DIAGRAM
+ INDICATES START OF WINDING.

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	M. GELLMAN	DESCRIPTION	SYMBOL					
B		ELEC SPECS "Q" WAS 35-45	10.19.66	17058	WHD	JL					THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER IF TUNED						
A		TMC PIN COL. 5 LINE TT 157-2 ADDED, 320, 470 DELETED	11/4/61	15089	H.V.	QCS											
TOLERANCES								SCALE: (2A-2153)									
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN		CHECKED		FINAL APPROVAL	
FRAC. DIM. ±								FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.		TT-157		B	
ANGULAR DIM. ±																	

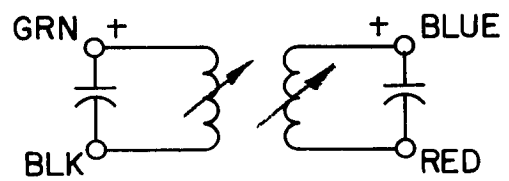
REQ. PER. UNIT	USED ON			TT-158	B
	MODEL	ASSY. NO.	DATE		
			9-26-61		



TMC PART No.	MODEL	REQ.	FUNCTION	OPER. FREQ.	SYMBOL
TT158	HFI-1	1	INTERSTAGE TRANSF	250 KC	T102
	SBS-1	1	INTERSTAGE TRANSF	250 KC	T102
TT158-2	SBS-7	1	INTERSTAGE TRANSF	205 KC	T102

ELECTRICAL SPEC. **MECHANICAL SPEC.**

PRIMARY SECONDARY CASE ~ ALUMINUM
IND: 600 ± 5% MH IND: 1 ± 5% MH CASE FINISH - ALUMINUM
Q: 40 OR GREATER Q: 40 OR GREATER TERM. BOARD ~ PHENOLIC.
FREQ. 790 FREQ. 790

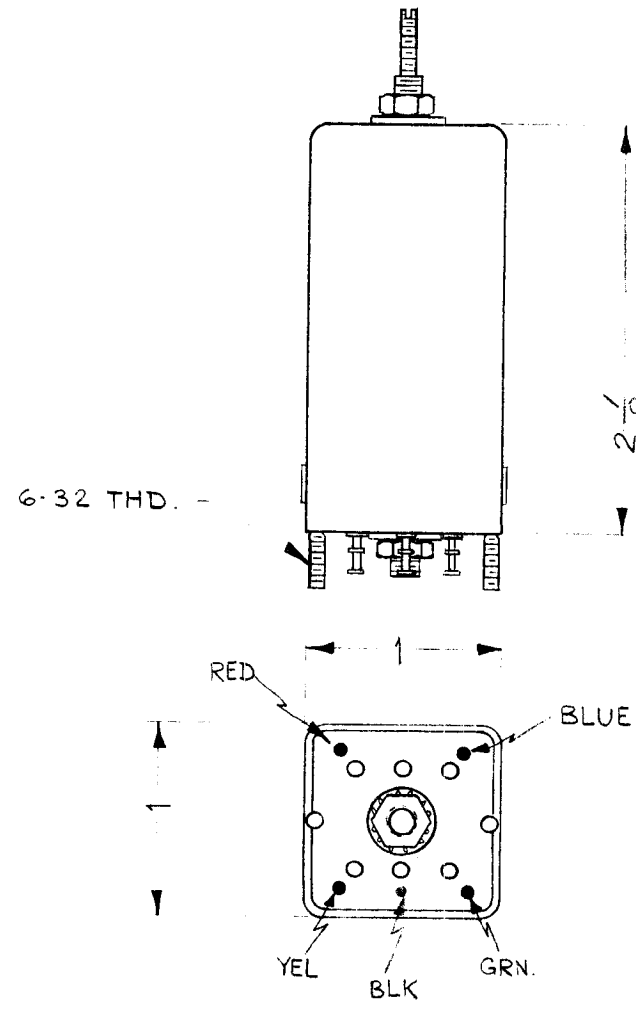


SCHEMATIC DIAGRAM
+ INDICATES START OF WINDING.

REQ	ITEM	PART NO.	M. GELLMAN DESCRIPTION			SYMBOL	
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
			TRANSFORMER, IF TUNED				
			MATERIAL				
			TYPE & TEMPER				
			HEAT TREAT. SPEC.				
			FINISH & SPEC. NO.				
			DRAWN		CHECKED	FINAL APPROVAL	
			ELEC. DES. APP		MECH. DES. APP		
B	ELEC SPECS "Q" WAS 35-45	10.19.66	17058	W4			
A	TMC DIN COL. FLINE TT 158-2 ADDED	11/3/61	15089	H.V.			
ISSUE ITEM		CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE: (2A-2154)					
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.					
FRAC. DIM. ±		REMOVE ALL BURRS AND SHARP EDGES					
ANGULAR DIM. ±							
			DRAWN		CHECKED	FINAL APPROVAL	
			ELEC. DES. APP		MECH. DES. APP		
			TT-158		B		

REQ. PER. UNIT	USED ON			TT-159	C
	MODEL	ASS'Y. NO.	DATE		
			9-22-61		

TMC P/N	MODEL	REQ.	FUNCTION	OPER. FREQ.	SYMBOL
TT159	HFI-1	1	Output & AVC Interstage Transformer	250KC	T103
	SBS-1	1	Output & AVC Interstage Transformer	250KC	T103
		1	Channel A amplifier	250KC	T6205
		1	Channel B amplifier	250KC	T6206
TT159-2	SBS-7	4	OUTPUT AND AVC INTERSTAGE TRANSFORMER	205KC	T103



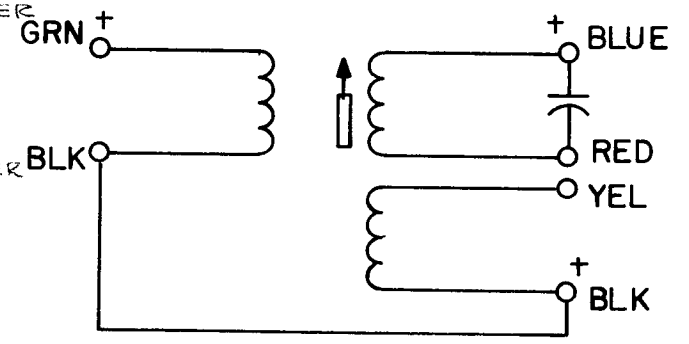
ELECTRICAL SPEC.

PRIMARY
 IND=190-210 uh
 Q=40 OR GREATER
 FREQ= 290KC

SECONDARY
 IND=85-95 uh
 Q=40 OR GREATER
 FREQ= 2.5MC

MECHANICAL SPEC.

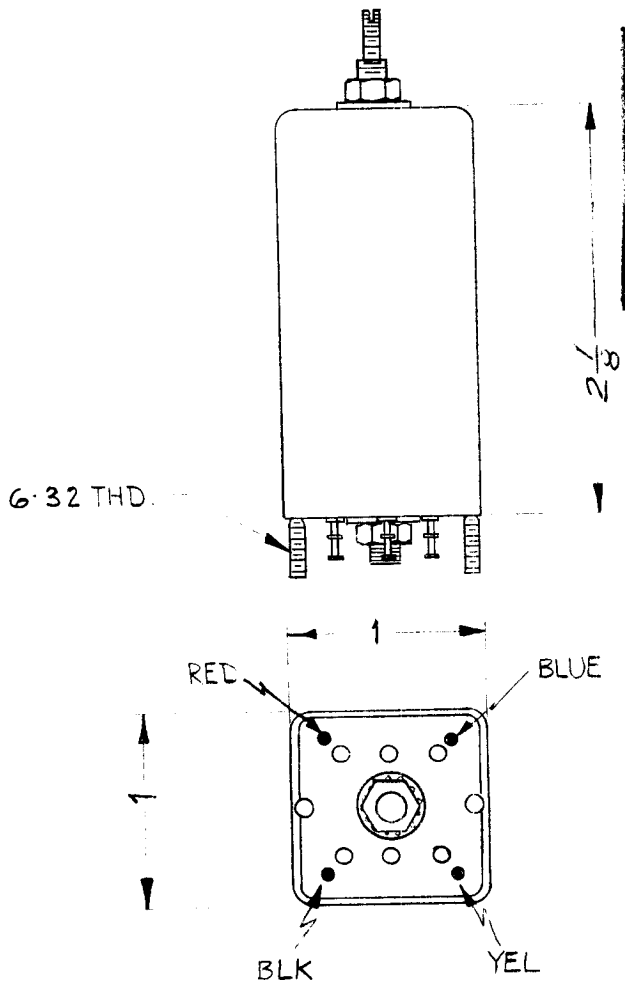
CASE - ALUMINUM
 TERM. BOARD ~ PHENOLIC



SCHEMATIC DIAGRAM
 + INDICATES START OF WINDING.

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	M. GELLMAN	DESCRIPTION	SYMBOL		
C		ELEC SPECS "Q" WAS 35-45	10/9/66	17058	UFW	[Signature]	[Signature]				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER, IF TUNED			
B		CASE FINISH-S404 YEL NIDITE BLUE PE MECH. SPEC.	5.16.66	16246	UFW	[Signature]	[Signature]							
A		TT159-2 ADDED	11/9/65	15021	KFF	[Signature]	[Signature]							
TOLERANCES			SCALE: (2A-2155)											
DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES											
								TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL		
								FINISH & SPEC. NO.	ELEC. DES. APP		MECH. DES. APP		TT-159	C

REQ. PER. UNIT	USED ON		
	MODEL	ASSY. NO.	DATE
			TT-161 B



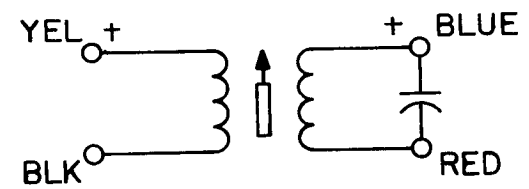
TMC PART NUMBER	MODEL	REQ.	FUNCTION	OPER. FREQ.	SYMBOL
TT161	HFI-1	1	OUTPUT TRANSF.	250KC	T6203
	SBS-1	1	OUTPUT TRANSF.	250KC	T203
		1	OUTPUT TRANSF.	250KC	T6201
TT161-2	SBS-7	1	OUTPUT TRANSF.	205KC	T6201

ELECTRICAL SPEC.

PRIMARY
 IND=380-400 uh
 Q= 40 OR GREATER
 FREQ= 790 KC

MECHANICAL SPEC.

CASE ~ ALUMINUM
 CASE FINISH - **CLEAR LACQUER**
 TERM. BOARD ~ PHENOLIC



SCHEMATIC DIAGRAM

+ INDICATES START OF WINDING.

REQ. ITEM	PART NO.	M. GELLMAN	DESCRIPTION	SYMBOL													
B			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK														
A			TRANSFORMER, IF TUNED														
ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	STOCK SIZE	MATERIAL	TYPE & TEMPER	HEAT TREAT. SPEC.	FINISH & SPEC. NO.	DRAWN	CHECKED	FINAL APPROVAL			
TOLERANCES		SCALE: (2A-2157)															
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES															
FRAC. DIM. ±																	
ANGULAR DIM. ±																	
												7107		BP		TT-161 B	
												LEC. DES. APP		MECH. DES. APP			

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REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	AFC-2		12-8-61

TT-163

B

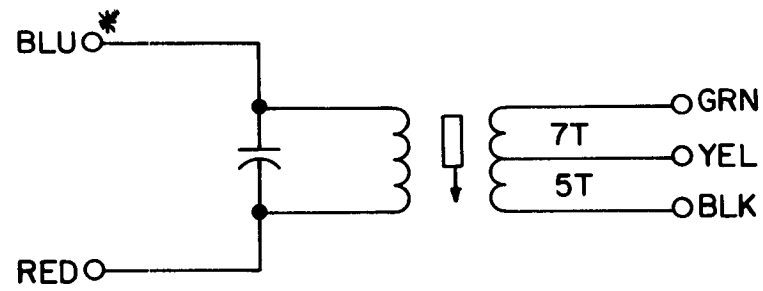
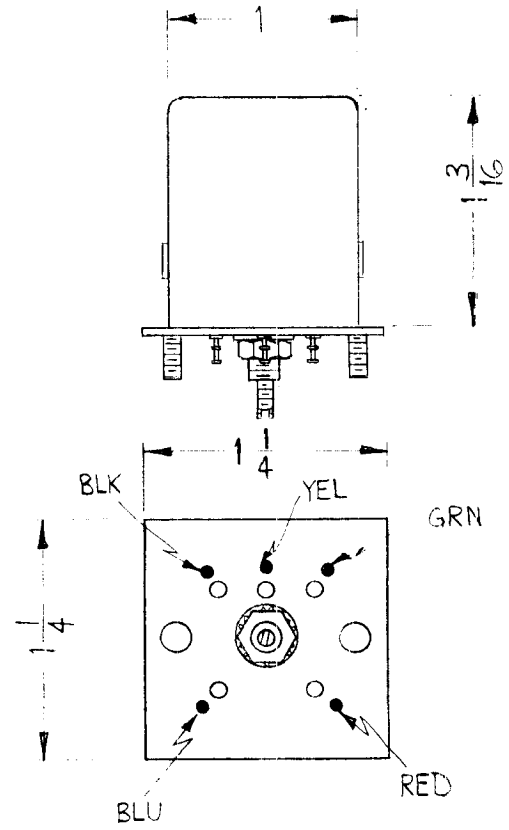
TMC PART NO.	MODEL	REQ.	FUNCTION	OPER. FREQ.	SYMBOL
TT-163	AFC-2	1		250KC	T5001
TT-163	AFC-3	1		250KC	T5001
TT-163-2	AFC-7	1		205 KC	T5001

ELECTRICAL SPEC.

PRIMARY
 IND = 400 uH ± 20 uH
 Q = 65 OR BETTER
 TEST FREQ. = 790 KC

MECHANICAL SPEC.

CASE - ALUMINUM
 CASE FINISH - S404 YEL IRIDITE
 TERM. BOARD - PHENOLIC



SCHEMATIC DIAGRAM

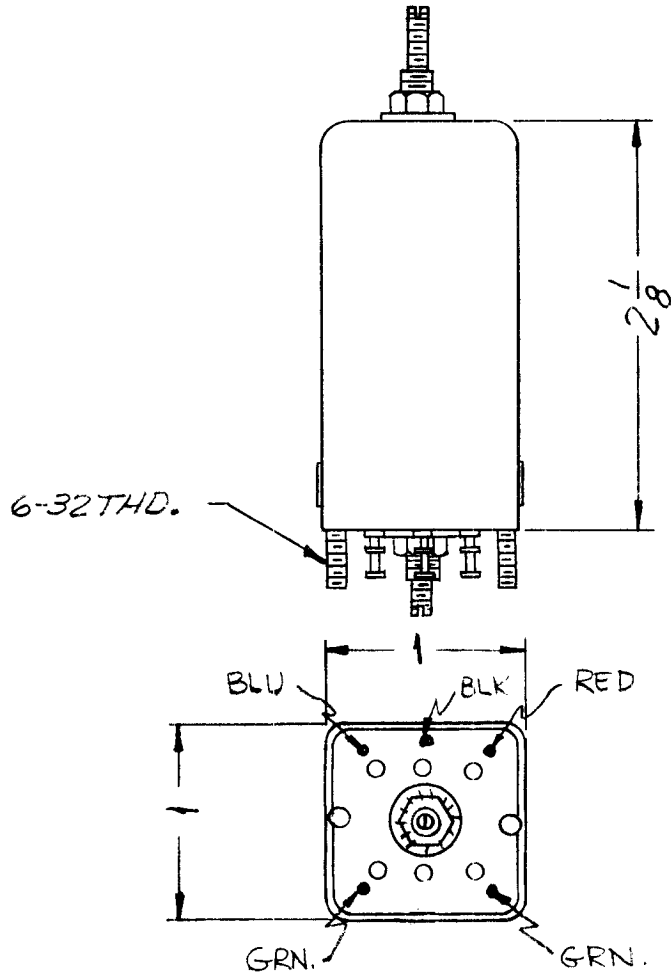
* INDICATES START OF WINDING.

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL	
B	TMC P/N COLUMN ADDED TT-163-2 ADDED	8-23/65	14704	E	JCS					THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	OUTPUT TRANSFORMER	
A	AFC-3 ADDED ELEC. SPECS. REVISED	4-5-62	6599	LL								
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°							SCALE: (2A-2241)					
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES							TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
							FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.		TT-163	B

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	HFR-1/N		12-8-61

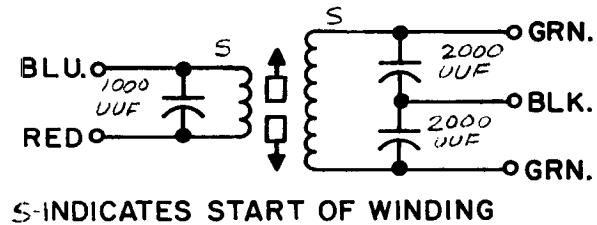
TT-164 B



MODEL	REQ.	FUNCTION	OPER. FREQ.	SYMBOL
HFR-1	1	RF TRANS	1.75 MC	T1202

MECHANICAL SPEC.
CASE - ALUMINUM
FINISH
TERM. BD. - PHENOLIC

SCHEMATIC DIAGRAM



REQ.	ITEM	PART NO.	DESCRIPTION			SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
			STOCK SIZE			
B	ELEC SPECS DEL.	7.15.66 16564 WHW	TRANSFORMER, RF, TUNED			
A	2.55-3.12 in. was 2.84	12/2/63 1007				
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°		SCALE: 2A-2257				
		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
		TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT

1

MODEL

HFR-1/N

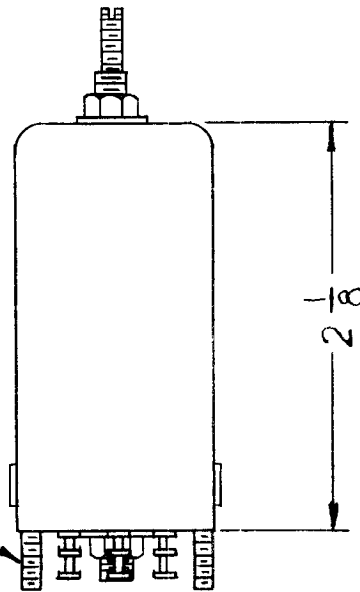
USED ON

ASS'Y. NO.

DATE

12-8-61

TT-165



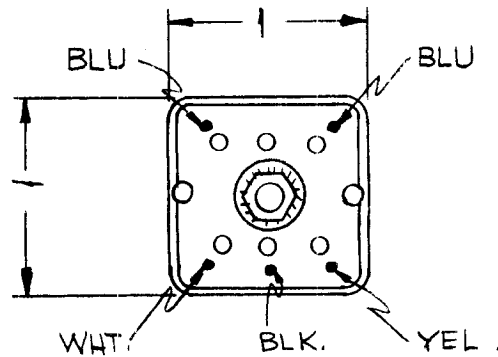
MODEL	REQ.	FUNCTION	OPER. FREQ.	SYMBOL
HFR-1/N	1	RF TRANS.	1.75MC	TI 203

ELECTRICAL SPEC.

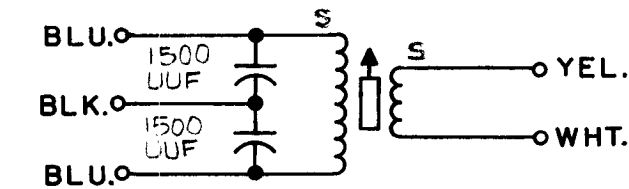
PRIMARY SECONDARY
 IND. - 3.4-3.6 -
 Q - 40 -
 FREQ. 7.9 Mc -

MECHANICAL SPEC

CASE - ALUMINUM
 FINISH
 TERM. BD. TYPE



SCHEMATIC DIAGRAM

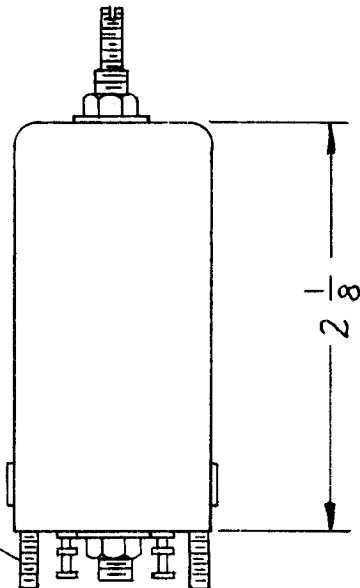


S - INDICATES START OF WINDING

D	C	1	SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
												GALLMAN	
												THE TECHNICAL MATERIEL CORP.	
												MAMARONECK, NEW YORK	
												TRANSFORMER, RF, OUTPUT	
												MATERIAL	
												UNLESS OTHERWISE SPECIFIED:	
												SCALE: 2A-2258	
												MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES	
												TYPE & TEMPER	
												HEAT TREAT. SPEC.	
												FINISH & SPEC. NO.	
												DRAWN	
												CHECKED	
												FINAL APPROVAL	
												TT-165	

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

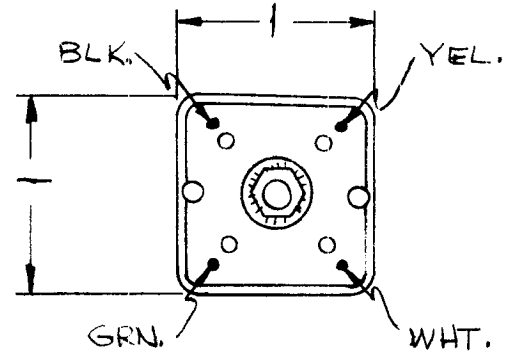
REQ. PER UNIT 1	USED ON		TT-166
	MODEL HFR-1/N	ASS'Y. NO.	



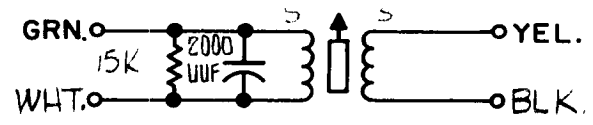
MODEL	REQ.	FUNCTION	OPER. FREQ.	SYMBOL
HFR-1	1	RF TRANS	1.75 MC	TI 201

ELECTRICAL SPEC.
 PRIMARY SECONDARY
 IND. - 1.5 -
 Q - 40 -
 FREQ. - 7.9 Mc -

MECHANICAL SPEC.
 CASE - ALUMINUM
 FINISH
 TERM. BD. - PHENOLIC



SCHEMATIC DIAGRAM



S-INDICATES START OF WINDING

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	SYN. 71201	TRANS. 1.501	TRANSFORMER, RF, INPUT	TT-166 1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°					SCALE: 2A-2259	TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	TT-166 1	

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REQ. PER UNIT

MODEL

USED ON

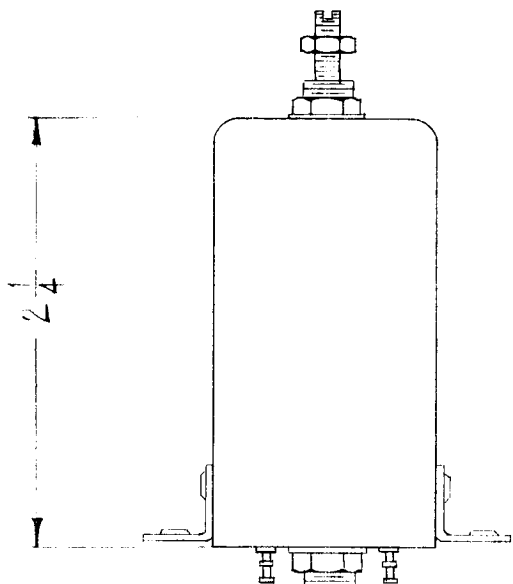
ASS'Y. NO.

DATE

1-3-62

TT-167

MODEL	REQ.	FUNCTION	OPER. FREQ.	SYMBOL
LFA-2	1	TRANSFORMER	2 MC	T3004



ELECTRICAL SPEC.

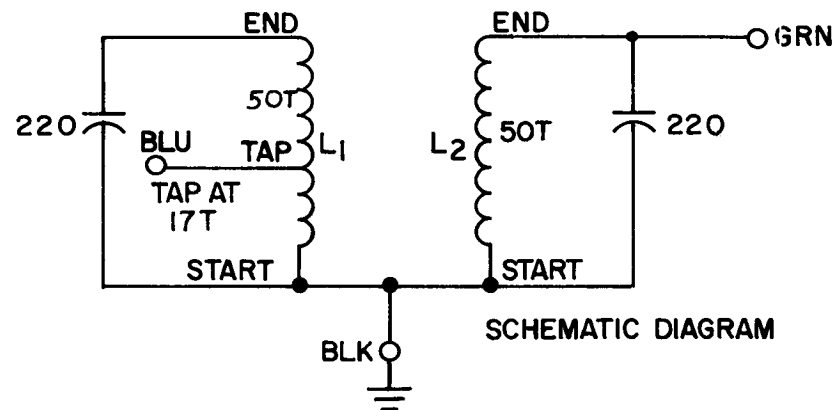
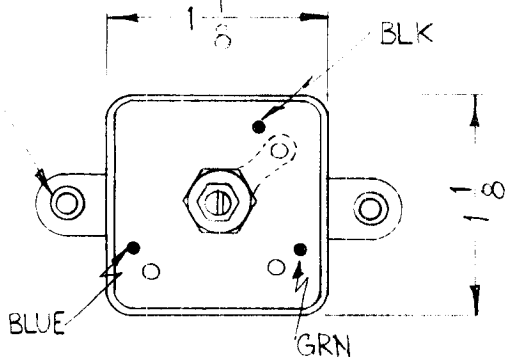
L1
 IND: 24.5uh ± 1.0
 Q: 65 OR GREATER
 FREQ: 2.5 MC

L2
 IND: 24.5uh ± 1.0
 Q: 65 OR GREATER
 FREQ: 2.5 MC

MECHANICAL SPEC.

CASE - ALUMINUM
 CASE FINISH - 6404 YEL. IRIDITE
 TERN. BOARD - PHENOLIC

6-32 TAPED HOLE 2REQ



SCHEMATIC DIAGRAM

REQ.	ITEM	PART NO.	DESCRIPTION				SYMBOL	
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK					
			TRANSFORMER, RF TUNED					
			MATERIAL					
			TYPE & TEMPER HEAT TREAT. SPEC.					
			FINISH & SPEC. NO.					
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.		
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°		SCALE: (2A 2261)						
		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						
		DRAWN		CHECKED		FINAL APPROVAL		
		ELEC. DES. APP.		MECH. DES. APP.		TT-167		

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT

MODEL

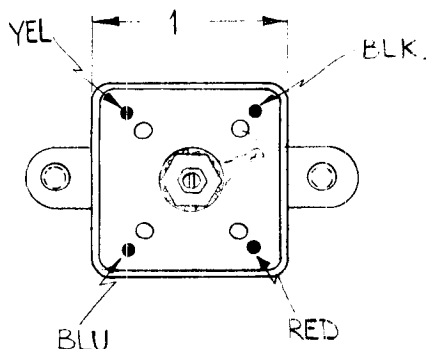
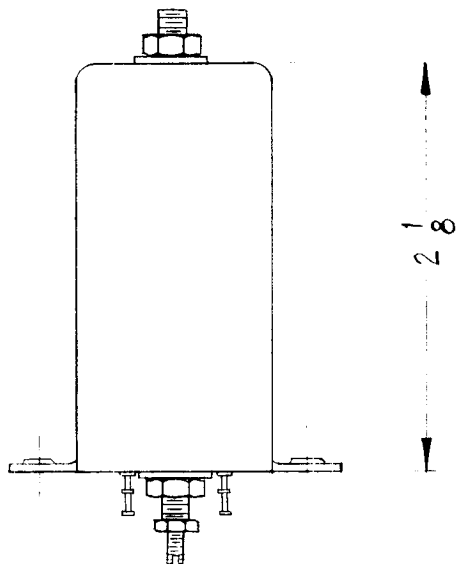
USED ON

ASS'Y. NO.

DATE

7-26-62

TT-163



MODEL	REQ	FUNCTION	OPER. FREQ	SYMBOL
HFA-1	2		250 KC	T7000, 7004

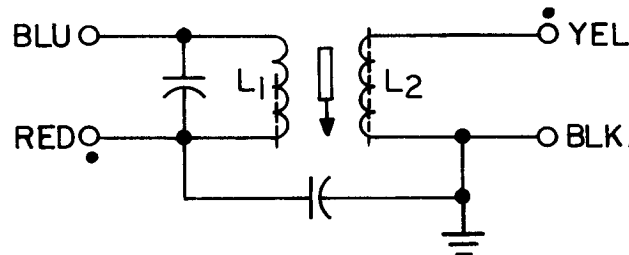
ELECTRICAL SPEC

PRIMARY	SECONDARY
IND = $610 \mu h \pm 10\%$	IND = $.3 \mu h \pm 10\%$
Q = 55 OR GREATER	Q = 60 OR GREATER
TEST FREQ = 700 KC	TEST FREQ = 25 MC

MECHANICAL SPEC

CASE - ALUMINUM
CASE FINISH - S404 YEL. BRIDITE
TERM. BOARD - PHENOLIC

• INDICATES START OF WINDING.



SCHEMATIC DIAGRAM

REQ.	ITEM	PART NO.	DESCRIPTION		SYMBOL	
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
			STOCK SIZE			
			TRANSFORMER, RF TUNED (250 KC).			
			MATERIAL			
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ON FRAC. $\pm 1/64$ DEC. $\pm .005$ ANGLES $\pm 1/2^\circ$		SCALE: DO NOT SCALE (2A-2325)				
		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
	TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
			<i>M. U. F.</i>		<i>BP</i>	
			<i>A. K. F.</i>		TT-163	
	FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.			

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REQ. PER UNIT

MODEL

USED ON

ASS'Y. NO.

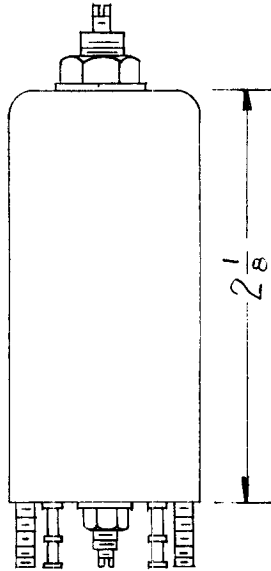
DATE

1

HNF-1

7-26-62

TT-170



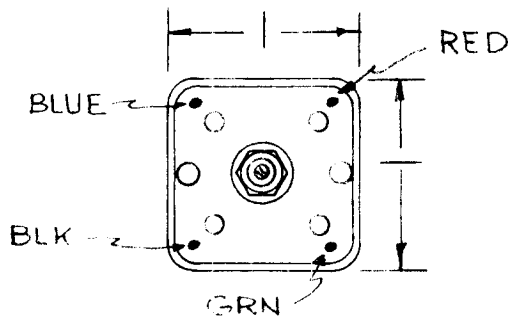
MODEL	REQ	FUNCTION	OPER. FREQ	SYMBOL
HNF-1	1	TRANS, IF TUNED	455 KC	T4003

ELECTRICAL SPEC

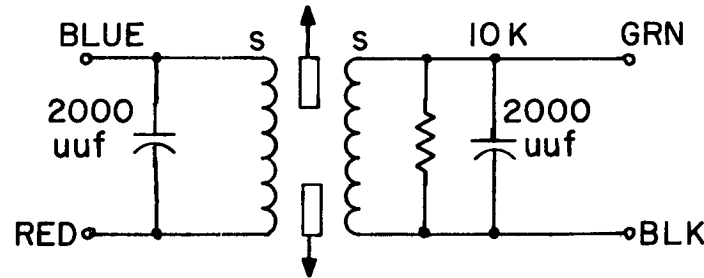
PRIMARY	SECONDARY
IND ~ 36-40 μ k	36-40 μ k
Q ~ 45-55	45-55
FREQ ~ 2.5 MC	2.5 MC

MECHANICAL SPEC

CASE - ALUMINUM
 FINISH - CLEAR LACQUER
 TERM BE - PHENOLIC



SCHEMATIC DIAGRAM



S - Indicates Start of Winding

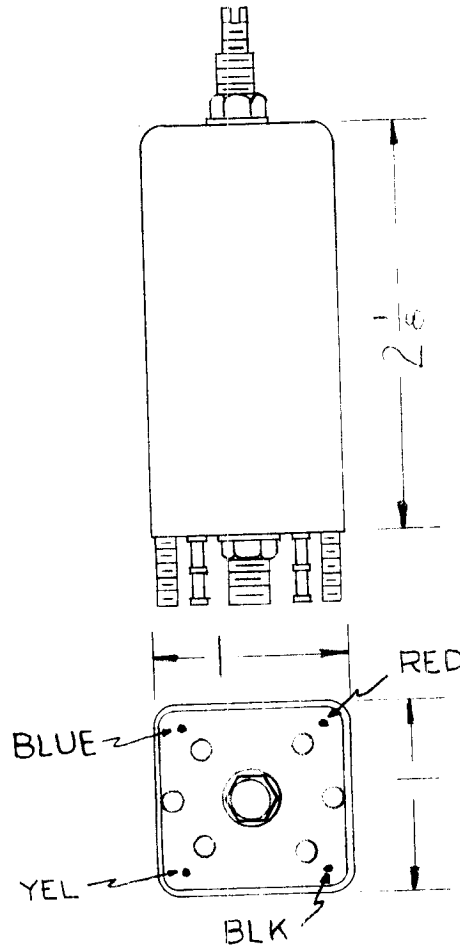
REQ.	ITEM	PART NO.	M. GELLMAN DESCRIPTION		SYMBOL							
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK									
			TRANSFORMER, IF TUNED									
			MATERIAL									
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.						
UNLESS OTHERWISE SPECIFIED:		SCALE: 2A-2347					G. SENCEN					
DIMENSIONS ARE IN INCHES		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
TOLERANCES ON							FINISH & SPEC. NO.		MECH. DES. APP.			
FRAC. $\pm 1/64$ DEC. $\pm .005$ ANGLES $\pm 1/2^\circ$												

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REQ. PER UNIT	USED ON		
	MODEL	ASS'Y. NO.	DATE
1	HNF-1		7-26-62

TT-171

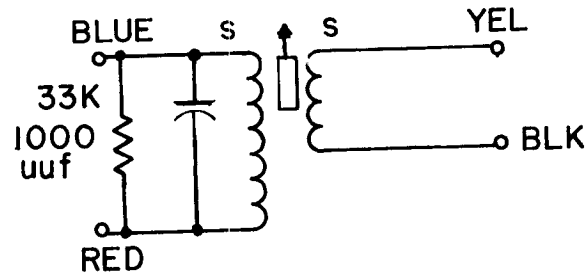
MODEL	REQ	FUNCTION	OPER. FREQ	SYMBOLS
HNF-1	1	TRANS, IFTUNED	250 KC	T4005



ELECTRICAL SPEC.
 PRIMARY SECONDARY
 IND-335-365 μ h
 Q:100-115
 FREQ-790 KC

MECHANICAL SPEC.
 CASE- ALUMINIUM
 FINISH- CLEAR LACQUER
 TERM. BD- PHENOLIC

SCHEMATIC DIAGRAM



S- Indicates Start of Winding

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	M. GELLMAN DESCRIPTION	SYMBOL	
									THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER, I F TUNED		
								STOCK SIZE			
								MATERIAL			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. $\pm 1/64$ DEC. $\pm .005$ ANGLES $\pm 1/2^\circ$		SCALE: 2A-2348 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES									
							TYPE & TEMPER HEAT TREAT. SPEC.		G. SENCEN DRAWN	CHECKED	FINAL APPROVAL TT-171
							FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	

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REQ. PER UNIT

USED ON

MODEL

ASS'Y. NO.

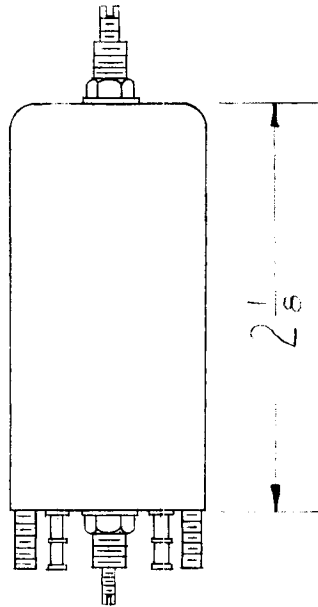
DATE

HNF-1

7-26-62

TT-172

A



MODEL	REQ	FUNCTION	OPER. FREQ.	SYMBOL
HNF-1	1	TRANS, IFTUNED	250 KC	T4C04

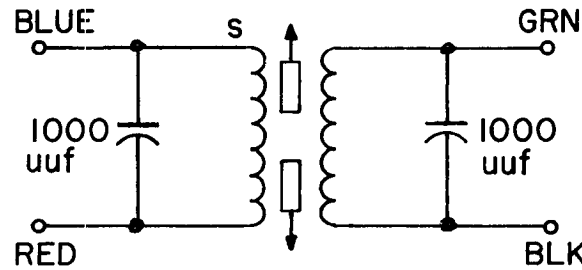
ELECTRICAL SPEC.

PRIMARY SECONDARY
 IND. - 300-315 μ h 300-315 μ h
 Q. - 100-110 100-110
 FREQ - 790 KC 790 KC

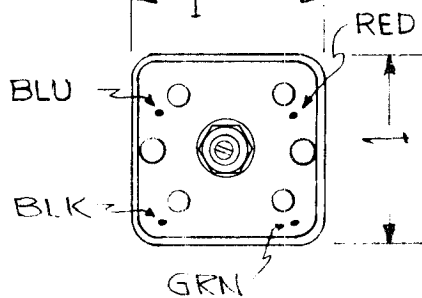
MECHANICAL SPEC.

CASE - ALUMINUM
 FINISH - CLEAR LACQUER
 TERM. BD. - PHENOLIC

SCHEMATIC DIAGRAM



S - Indicates Start of Winding



REQ.	ITEM	PART NO.	M. GELLMAN	DESCRIPTION	SYMBOL						
				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK							
				TRANSFORMER, I F TUNED							
A		GRN WIA BLK BLK WAS GRN	9/27/63	10094	AD JAY WFS						
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL				
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. $\pm 1/64$ DEC. $\pm .005$ ANGLES $\pm 1/2^\circ$		SCALE: 2A-2349			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					G. SENCEN	
		TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN		CHECKED		FINAL APPROVAL	
		FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.		TT-172		A	

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REQ. PER UNIT

MODEL

USED ON

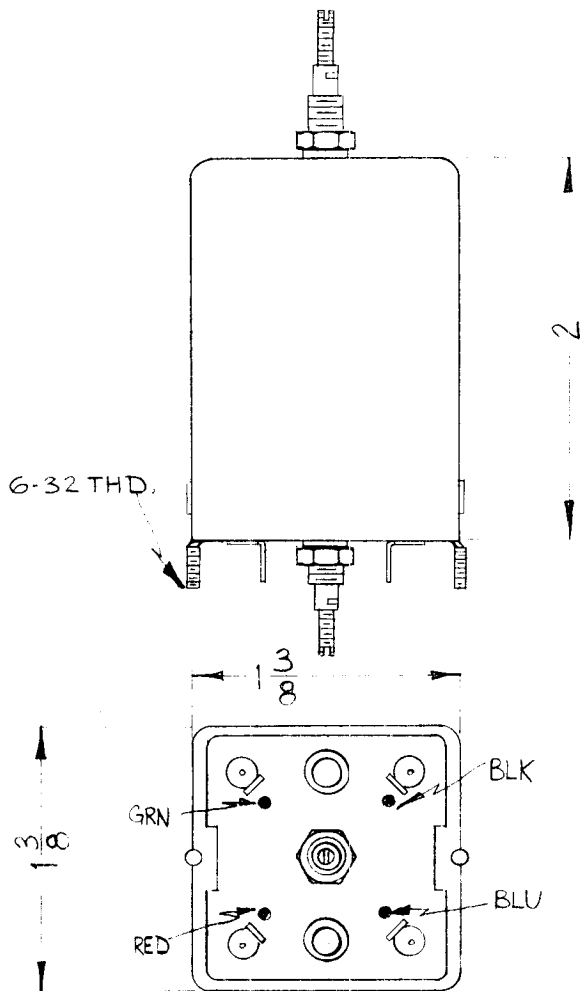
ASS'Y. NO.

DATE

1-30-62

TT-173

MODEL	REQ.	FUNCTION	OPER. FREQ.	SYMBOL
DVM-4	1	OSC. TRANSFORMER	350 KC	T102

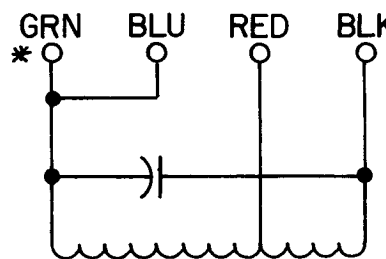


ELECTRICAL SPEC.

IND = 300-330 μ H
 Q = 75 OR GREATER
 FREQ = 790 KC

MECHANICAL SPEC.

CASE - ALUMINUM
 CASE FINISH - S404 YEL. IRIDITE
 TERM. BOARD - PHENOLIC



* INDICATES START OF WINDING.

~SCHEMATIC DIAGRAM~

REQ.	ITEM	PART NO.	DESCRIPTION				SYMBOL	
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK					
			TRANSFORMER, RF TUNED					
			MATERIAL					
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.		
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. \pm 1/64 DEC. \pm .005 ANGLES \pm 1/2°		SCALE: Do Not Scale (2A-2353).			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES			
		TYPE & TEMPER		HEATTREAT. SPEC.		DRAWN	CHECKED	
						<i>M.O.F.</i>	<i>[Signature]</i>	
		FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.	TT-173	

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REQ. PER UNIT

1 HFR-1/C

USED ON

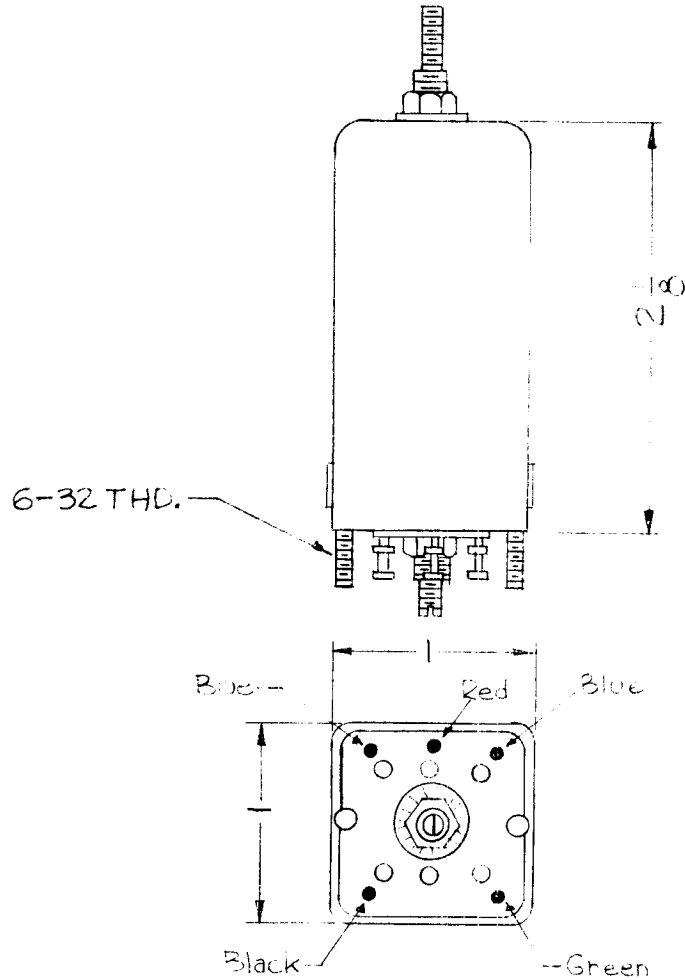
MODEL

ASS'Y. NO.

DATE

7-24-62

TT-174



MODEL	REQ.	FUNCTION	OPER. FREQ.	SYMBOL
HFR-1/C	1	RF TRANS	1.75 MC	T1301

ELECTRICAL SPEC.

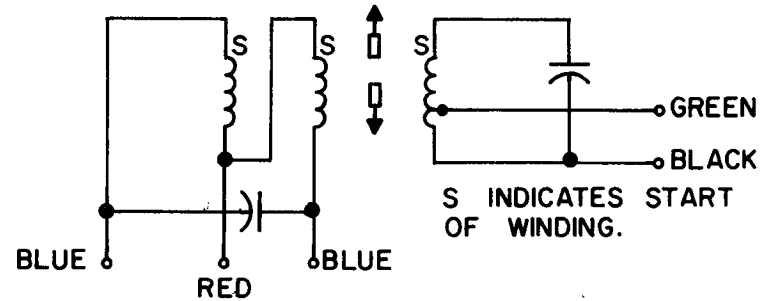
PRIMARY IND(uH)-8.7-9.5
 Q-85-75
 FREQ(MC)-1.75

SECONDARY 11-12
 70-80
 2.5

MECHANICAL SPEC.

CASE- ALUMINUM
 FINISH-CLEAR LACQUER
 TERM.BD.- PHENOLIC

SCHEMATIC DIAGRAM



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL					
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK						
		STOCK SIZE	TRANSFORMER, RF, TUNED (BIFILAR WOUND)						
		MATERIAL							
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°		SCALE: 2A-2433		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					
		TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL			
		FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	TT-174			

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT

USED ON

MODEL

ASS'Y. NO.

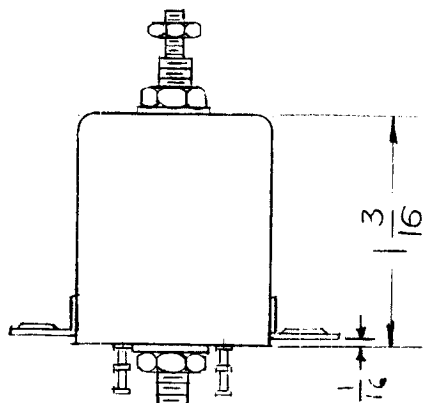
DATE

3500

8-15-62

TT 175

A



MODEL	REQ.	FUNCTION	OPER. FREQ.	SYMBOL
HFS-1	1	1 MC TRANSFORMER	1 MC	T3505

ELECTRICAL SPEC.

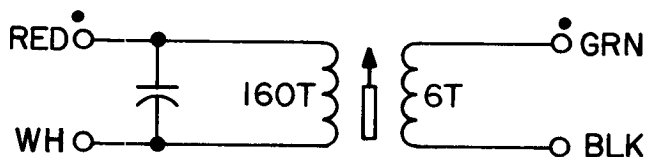
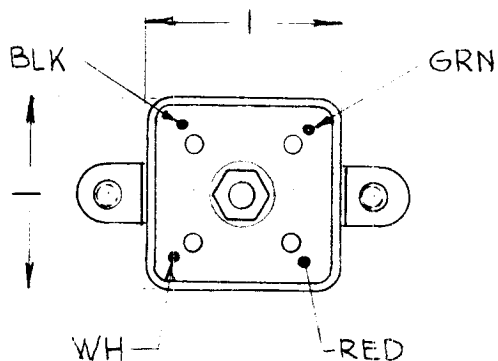
MECHANICAL SPEC.

PRIMARY
IND = 140μh ± 10%
Q = 40 OR GREATER
TEST FREQ = 700 KC

SECONDARY
TEST WITH OHMMETER
FOR CONTINUITY
ONLY.

CASE ~ ALUMINUM

TERM. BOARD - PHENOL C



• INDICATES START OF WINDING.

SCHEMATIC DIAGRAM

REQ.	ITEM	PART NO.			SYMBOLIC DESCRIPTION	SYMBOL	
					THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER, RF TUNED 1 MC (3500 DECK)		
		STOCK SIZE					
		MATERIAL					
A	4 LUGS RE LOCATED	3-23-62	15999	<i>MRH</i>	<i>QCP</i>		
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°		SCALE: Do Not Scale (2A-2444)					
		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					
		TYPE & TEMPER		HEAT TREAT. SPEC.			
		FINISH & SPEC. NO.					
		DRAWN		CHECKED		FINAL APPROVAL	
		<i>GDL</i>		<i>MS</i>		<i>Red</i>	
		<i>JMA</i>		<i>JMA</i>		TT 175	
		ELEC. DES. APP.		MECH. DES. APP.		A	

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REQ. PER UNIT

MODEL

USED ON

ASS'Y. NO.

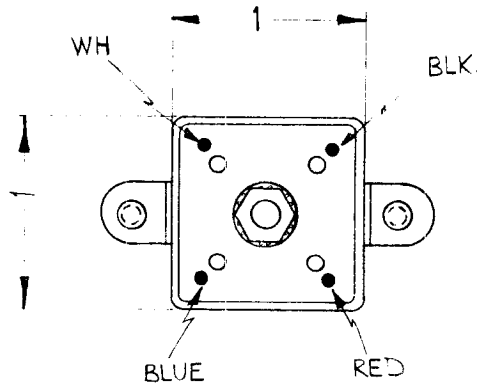
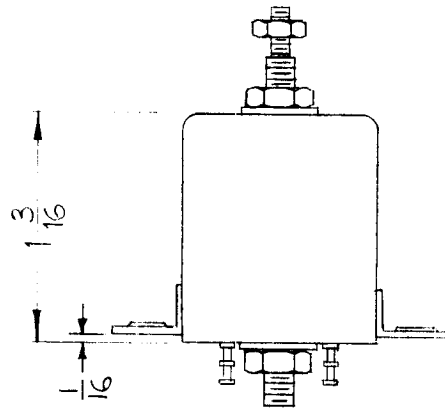
DATE

3500

8-15-62

TT 176

A



MODEL	REQ.	FUNCTION	OPER FREQ	SYMBOL
HFS-1	1	2 MC TRANSFORMER	2 MC	T3503

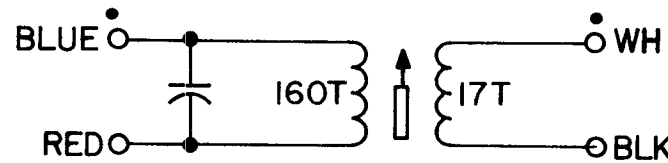
ELECTRICAL SPEC~

PRIMARY
 IIND: 140μH ± 10%
 Q: 40 OR GREATER
 TEST FREQ: 700 KC

SECONDARY
 TEST WITH OHMMETER
 FOR CONTINUITY
 ONLY.

MECHANICAL SPEC~

CASE ~ ALUMINUM
 TERM. BOARD ~ PHENOLIC



• INDICATES START OF WINDING.

SCHEMATIC DIAGRAM

REQ.	ITEM	PART NO.	STICKER DESCRIPTION			SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
			TRANSFORMER, RF TUNED			
			2 MC (3500 DECK)			
			MATERIAL			
			TYPE & TEMPER			
			HEATTREAT. SPEC.			
			DRAWN			
			CHECKED			
			FINAL APPROVAL			
			FINISH & SPEC. NO.			
			REC. DES. APP.			
			MECH. DES. APP.			

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	4 LUGS RELOCATED	3-23-62	15999	MA	QC	

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON
 FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°

SCALE: Do Not Scale (2A-2445)

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

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REQ. PER UNIT

USED ON

MODEL

ASS'Y. NO.

DATE

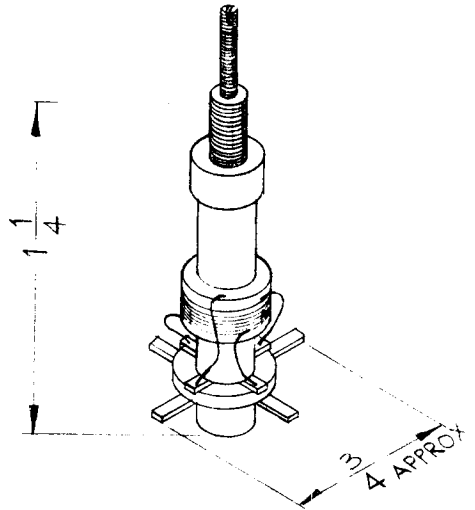
3400

8-15-62

TT 177

A

MODEL	REQ.	FUNCTION	OPER FREQ.	SYMBOL
HFS-1	1	1MC BANDPASS	3.25-4.25 MC	T3406



ELECTRICAL SPEC -

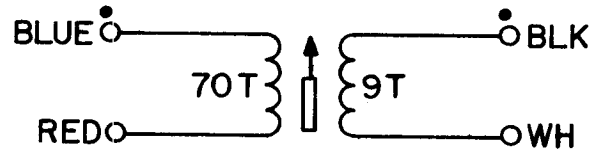
PRIMARY

IND = 30.0 ± 2%

Q = 60 OR GREATER

TEST FREQ = 2.5 MC

MEASURE Q, & IND. W/O CORE



• INDICATES START OF WINDING.

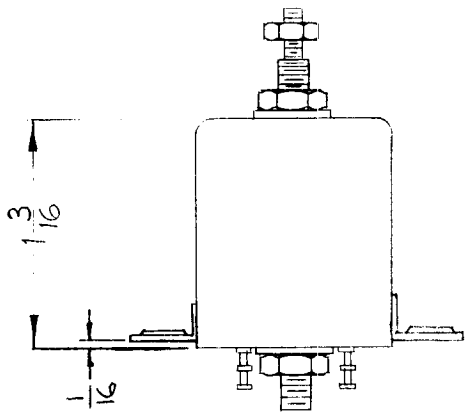
—SCHEMATIC DIAGRAM—

REQ.	ITEM	PART NO.	STRUMER DESCRIPTION				SYMBOL
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
			STOCK SIZE				
			TRANSFORMER, RF TUNED				
			3400 DECK				
			MATERIAL				
			SCALE: Do Not Scale (2A-2448)				
			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
			TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
			FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	
							TT 177
							A

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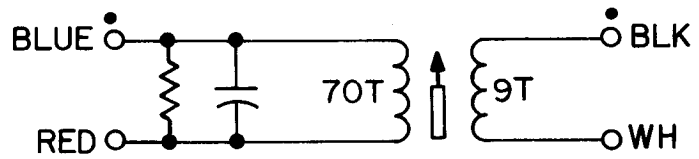
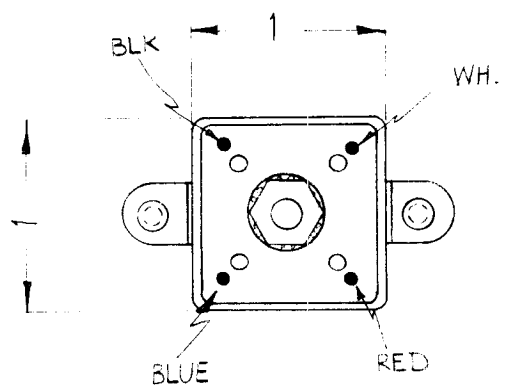
REQ. PER UNIT	USED ON			TT 178	A
	MODEL	ASS'Y. NO.	DATE		
		3500	8-15-62		

MODEL	REQ	FUNCTION	OPER. FREQ.	SYMBOL
HFS-1	1	1 MC BANDPASS	3.25-4.25 MC	T3504



ELECTRICAL SPEC-
 PRIMARY IND = 30 OHM ± 2 OHM
 Q: 60 OR GREATER
 TEST FREQ: 2.5 MC
 SECONDARY TEST WITH OHMMETER FOR CONTINUITY ONLY.

MECHANICAL SPEC-
 CASE ~ ALUMINIUM
 TERM BOARD ~ PHENOLIC

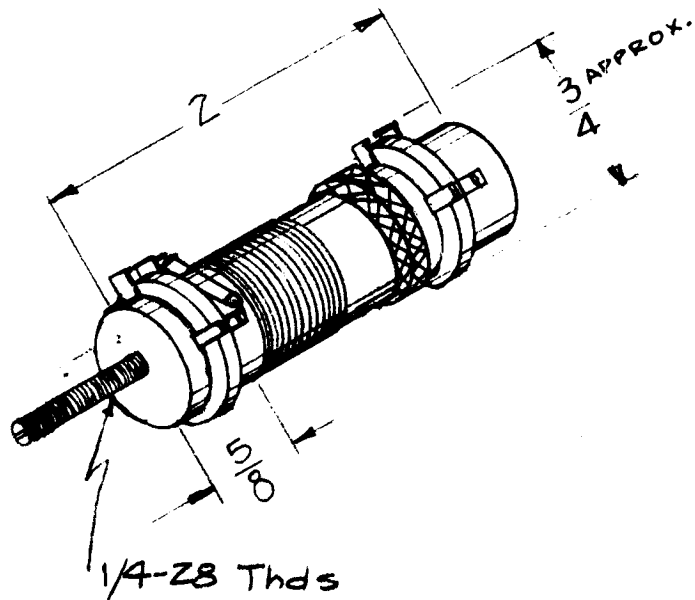


• INDICATES START OF WINDING.

SCHEMATIC DIAGRAM

REQ.	ITEM	PART NO.	STOCKER	DESCRIPTION	SYMBOL	
				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
				TRANSFORMER, RF TUNED		
				3500 DECK		
A	4 LUGS RELOCATED	3-23-66 15999	MA	MA	BP	
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°		SCALE: Do Not Scale (2A-2449)		TYPE & TEMPER		HEAT TREAT. SPEC.
		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES		DRAWN		CHECKED
				ELEC. DES. APP.		MECH. DES. APP.
		FINISH & SPEC. NO.		TT 178		A

SYMBOL	FUNCTION	REQ. PER UNIT	USED ON			TT-185	Ø
			MODEL	ASSY. NO.	DATE		
T115	1ST MIXER, BAND 3	1	GPR-92		6-8-62		



ELECTRICAL SPECIFICATIONS

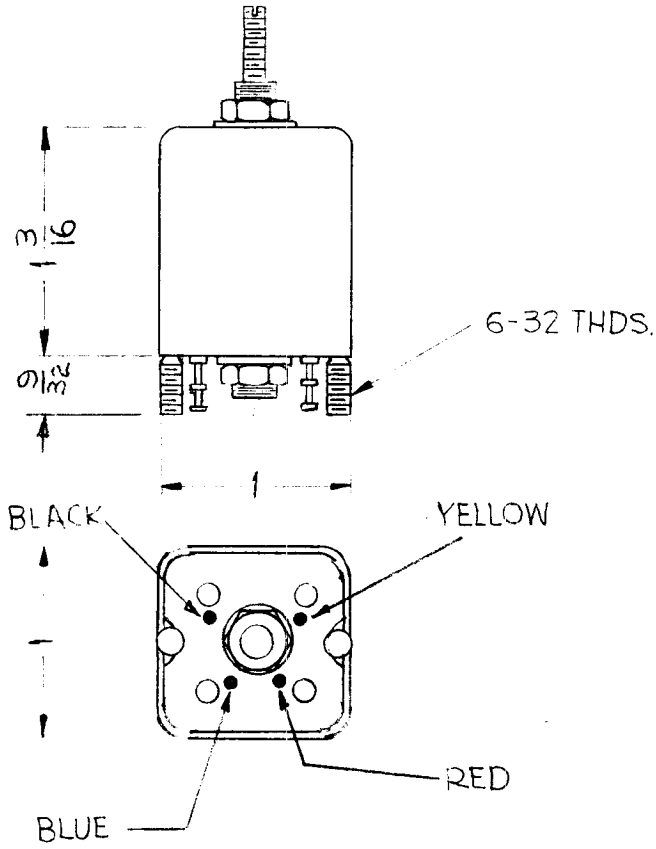
$L_{uh} \sim$ Pri. 9.0(8.5-9.5), Sec. 9.7(9.2.10.2)
 $Q \sim$ Pri. 55 or Greater, Sec. 85 or Greater
 $FREQ \sim$ Pri. 7.9 MC, Sec. 2.5 MC

							REQ.	ITEM	PART NO.	STEUMER	DESCRIPTION	SYMBOL		
										THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
										TRANSFORMER, R.F., TUNED ASSEMBLY				
Ø		ORIGINAL RELEASE	9/26/69							G.S. 6-8-62				
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.				DRAWN		CHECKED	FINAL APPROVAL
		TOLERANCES	SCALE: 2A-2472							MP		TT-185		Ø
		DEC. DIM. ±	MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				TYPE & TEMPER		HEAT TREAT. SPEC.		ELEC. DES. APP		MECH. DES. APP	
		FRAC. DIM. ±					FINISH & SPEC. NO.							
		ANGULAR DIM. ±												

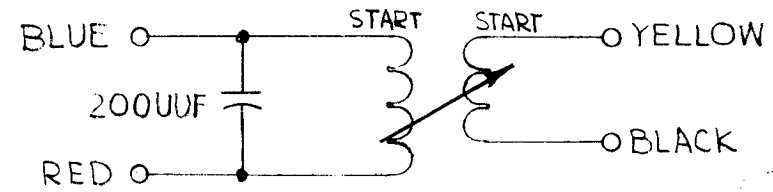
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REQ. PER UNIT	USED ON			TT-190
	MODEL	ASS'Y. NO.	DATE	
1	TRX-1		7-13-62	

SYMBOL	FUNCTION	OPER. FREQ.	USED ON	QTY
T102	I FO OUTPUT	3.5 MC.	TRX-1	1



WINDING NO. 1
 NOMINAL INDUCTANCE = 5.7 μH
 NO. OF TURNS = 31
 WINDING NO. 2
 NO. OF TURNS = 15
 COIL FORM DATA
 MATERIAL - PHENOLIC TUBE .250 DIA X 1" LONG
 TUNING DEVICE
 QUANTITY = 1
 TYPE = FERRITE SLUG
 TERMINALS - TURRET TYPE
 CASE DATA
 MATERIAL = ALUMINUM

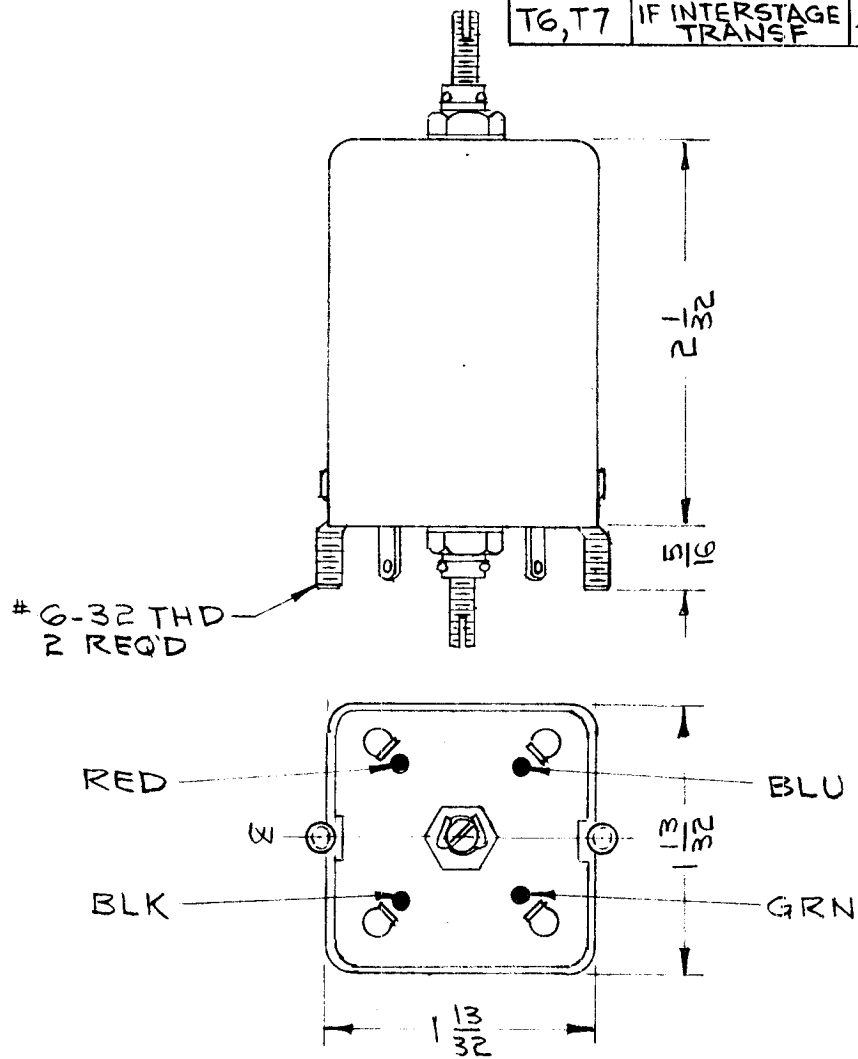


SCHEMATIC DIAGRAM

REQ.	ITEM	PART NO.	STOCK SIZE	DESCRIPTION	SYMBOL						
				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK							
				TRANSFORMER, RF, TUNED							
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL				
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°		SCALE: 2A-3048			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				Granfilippo	7/3/63	YFH-7.8.63
							TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
											TT-190
							FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	

SYMBOL	FUNCTION	OPER FREQ	REQ. PER UNIT	USED ON		
				MODEL	ASS'Y. NO.	DATE
T6, T7	IF INTERSTAGE TRANSF	455 KC	2	GPR-91RXD		9-16-63

TT-191



WINDING DATA

WINDING NO. 1.

NOMINAL INDUCTANCE = 95UH

NO. OF TURNS = 100T

WINDING NO. 2

NOMINAL INDUCTANCE = 95UH

NO. OF TURNS = 100T.

COIL FORM DATA

MATERIAL = PHENOLIC

TUNING DEVICES

TYPE = CORE, TUNING

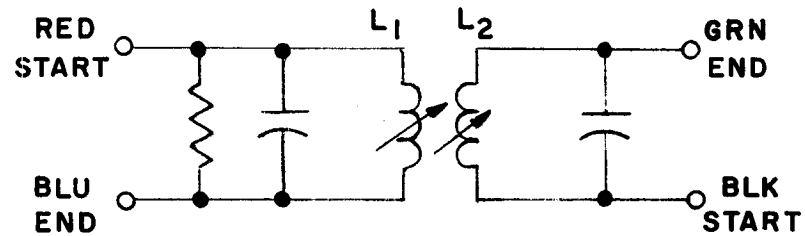
CASE DATA

MATERIAL = ALUMINUM

TERMINALS

TYPE = LUG, 4 REQ'D

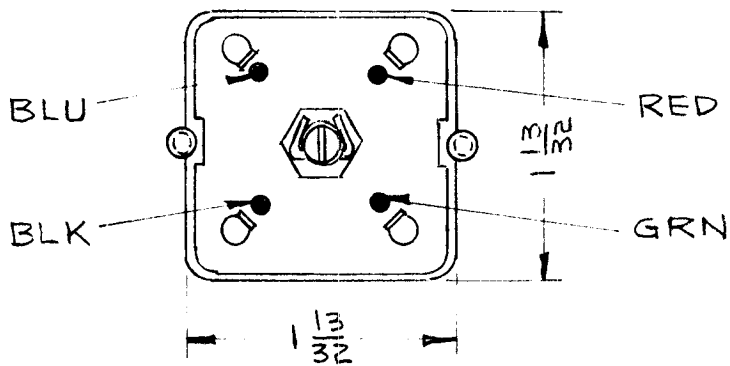
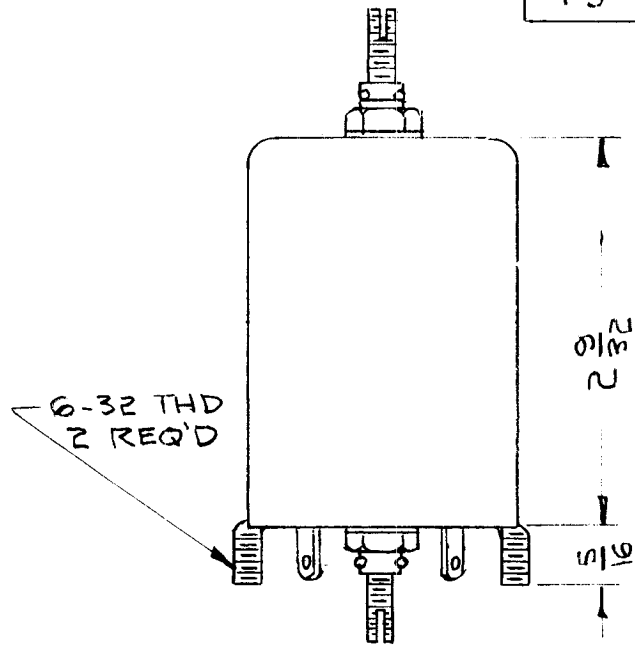
SCHEMATIC DIAGRAM



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		R. HAY	
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		TRANSFORMER, IF, TUNED	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE NONE	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE 2A-3255	TT-191

SYMBOL	FUNCTION	OPER FREQ	REQ. PER UNIT	USED ON		
				MODEL	ASS'Y. NO.	DATE
T5	IF FILTER TRANSF	455KC	1	GPR-91RXD		9-16-63

TT-192



WINDING DATA
WINDING NO. 1
 NOMINAL INDUCTANCE = 415UH
 NO. OF TURNS = 190T

WINDING NO. 2
 NOMINAL INDUCTANCE = 40UH
 NO. OF TURNS = 60T
 NO. OF TAPS = 1
 NO. OF TURNS TAPPED = TAPPED AT 30T

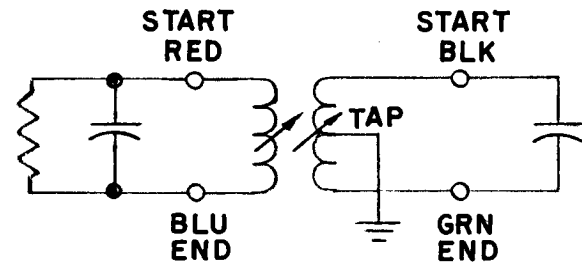
COIL FORM DATA
 MATERIAL = PHENOLIC

TUNING DEVICES
 TYPE = CORE, TUNING

CASE DATA
 MATERIAL = ALUMINUM

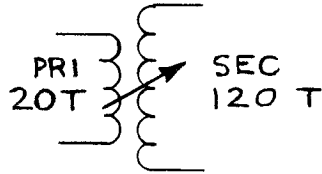
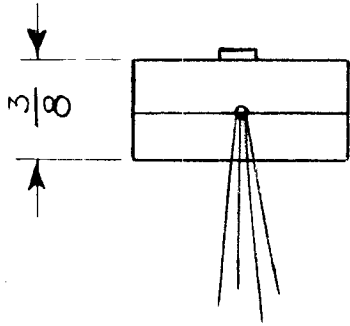
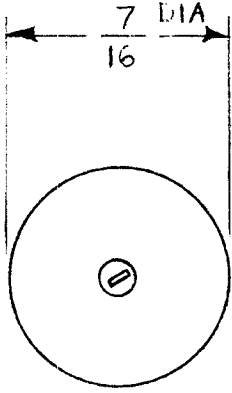
TERMINALS
 TYPE = LUG, 4 REQ'D

SCHMATIC DIAGRAM



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		R. HAY	
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		TRANSFORMER, IF TUNED	
TYPE & TEMPER		7/14/63	
HEAT TREAT. SPEC.		None	
FINISH & SPEC. NO.		2A-3252	
ELEC. DES. APP.		None	
MECH. DES. APP.		None	
DRAWN		None	
CHECKED		None	
FINAL APPROVAL		None	
SCALE		NONE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES			
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		FRACTIONS ± 1/64 ANGLES ± 0° 30'	
TOLERANCES			
CODE			TT-192

TMC PART NO.	SYMBOL	FUNCTION	OPER. FREQ	REQ. PER UNIT	USED ON			TT-193
					MODEL	ASS'Y. NO.	DATE	
TT-193	—	IF TRANS.	455 KC	1	FX-196	A-3300	9/23/63	



~ TRANSFORMER - IF ~

WINDING DATA:
WINDING NO. 1 (PRI)
NOM. INDUCTANCE: NOT RATED
NO. OF TURNS: 20
WINDING NO. 2 (SEC)
NOM. INDUCTANCE: 480 μ h
NO. OF TURNS: 120
COIL FORM DATA:
MATERIAL: MYLAR
TUNING DEVICE:
QUANTITY: 1
TYPE: ADJUSTABLE
TERMINALS:
QUANTITY: 4
TYPE: WIRE LEADS 2" LG.

SCHEMATIC

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	REQ. ITEM	PART NO.	M. GELLMAN DESCRIPTION	SYMBOL		
								—//— STOCK SIZE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
								—//—	TRANSFORMER, IF TUNED			
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	SCALE	NONE									
DECIMALS .X \pm .05 .XX \pm .01 .XXX \pm .005	TOLERANCES	FRACTIONS \pm 1/64 ANGLES \pm 0° 30'	CODE A	2A-3302				TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN <i>[Signature]</i>	CHECKED <i>[Signature]</i>	FINAL APPROVAL <i>[Signature]</i>
							FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	TT-193	

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REQ. PER UNIT

USED ON

MODEL

ASS'Y. NO.

DATE

1

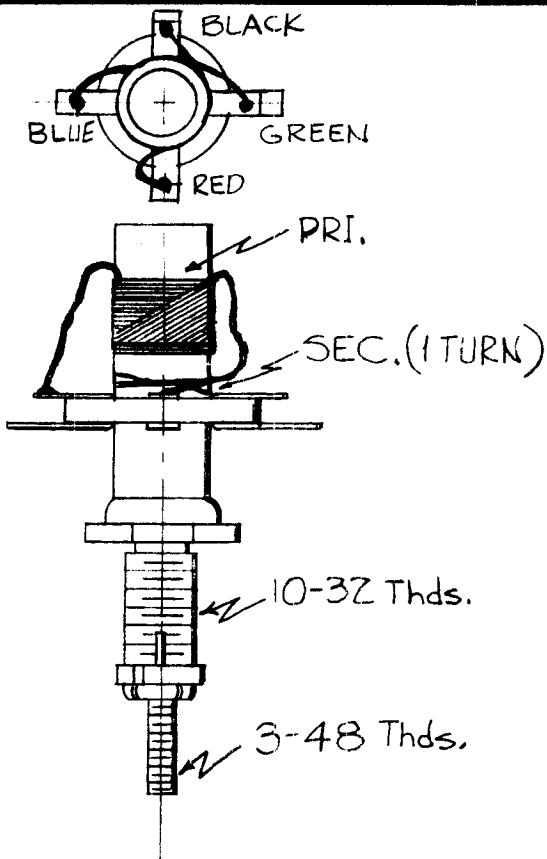
HFR-1/T

A-2522

6-27-62

TT-194

D



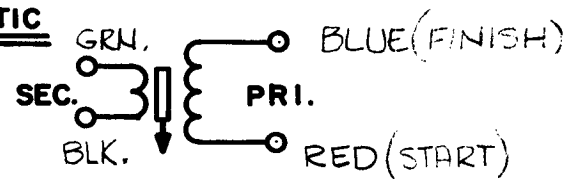
ELECTRICAL SPECIFICATIONS

Q - 32 MIN.
 L - $2.45 \mu h \pm 12 \mu h$ (WITH CORE AT MIN.)
 F - 7.9 MC.

MECHANICAL SPECIFICATIONS

COIL - CERAMIC FORM (STUD MOUNTED)
 19 TURNS
 1 TURN
 WIRE - 40/44 LITZ.

SCHEMATIC



D	"Q" WAS 42, DELE. UNLOAD	8-23-66	16774	RME	JLB	MM	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
C	ELEC. SPECS; L.V. 2.45UH ± 0.04UH	7-27-66	16056	RME	JLB	07	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK TRANSFORMER, RF TUNED 1.75 MC.				
B	ON MECH. SPECS. WAS 18 TURNS	9-22-64	12423	MB	02	STOCK SIZE					
A	INDUCTANCE WAS 2.21 uH	11-15-62	7704	GH	JLB	MATERIAL					
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.					
UNLESS OTHERWISE SPECIFIED:		SCALE: 1A-3040					TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
DIMENSIONS ARE IN INCHES		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES							J. LANGER		TT-194 D
TOLERANCES ON							FINISH & SPEC. NO.		ELEC. DES. APP.		
FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°											

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REQ. PER UNIT 1	MODEL	USED ON		TT-198	A
	VLR-1	ASSY. NO.	DATE		
		A-3181	5-31-63		

TMC PART NO.	SYMBOL	FUNCTION	OPER. FREQ.
TT-198-1	TT05	IF TRANSFORMER	3KC

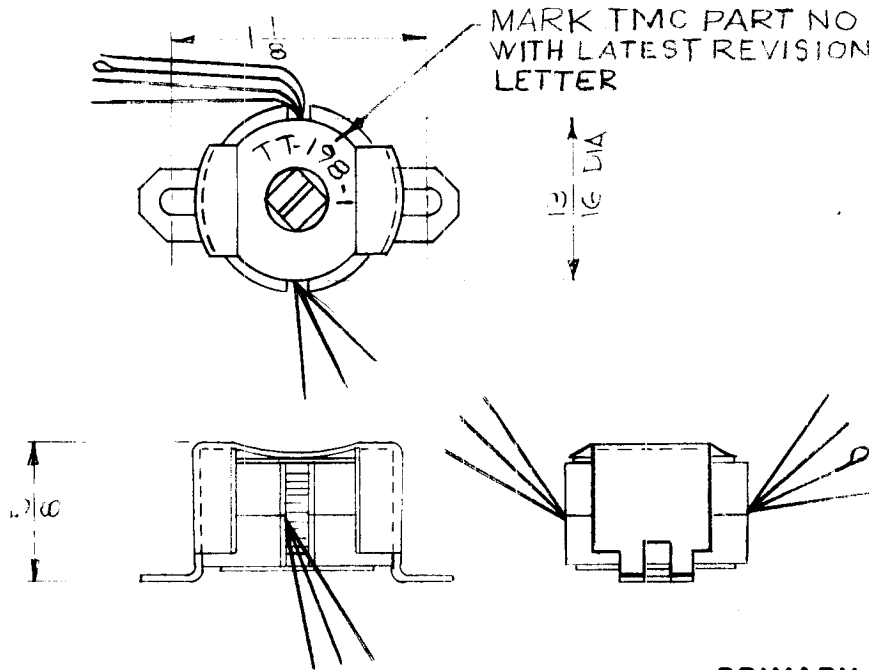
SPECIFICATION :

WINDING DATA: *1
 NOMINAL INDUCTANCE ~ 28 mhy.
 NO. OF TURNS ~ 211 1/2.

WINDING DATA: *2
 NOMINAL INDUCTANCE ~ 6.2 mhy
 NO. OF TURNS ~ 100.

WINDING DATA: *3
 NOMINAL INDUCTANCE ~ 6.2 mhy
 NO. OF TURNS ~ 100.
 NO. OF TAPS ~ 1
 NO. OF TURNS TAPPED ~ 50.

COIL FORM DATA ~ DELRIN BOBBIN.
 TUNING ~ ADJUSTABLE FERRITE CORE
 CURIE TEMP. ~ 170°C MIN.
 VOLTAGE BREAKDOWN ~ 100 VDC MIN.
 TERMINALS ~ 2" MIN WIRE LEADS.



PRIMARY
GREEN

211 1/2
TURNS

TERTIARY

100 TURNS
RED

SECONDARY

100 TURNS CT
RED & GREEN

							REQ. ITEM	PART NO.	M. GELLMAN DESCRIPTION	SYMBOL	
								— # —	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
A	SEC. COLOR WAS NATURAL	8-24-67	18469	H.G.	EFM			STOCK SIZE	TRANSFORMER, RF, TUNED		
O	ORIGINAL RELEASE FOR PRODUCTION	6-1-64	0	A.M.	@			— # —			
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.		MATERIAL			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE	DO NOT SCALE								
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE A	2A-3176							
							TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
							FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	
											TT-198 A