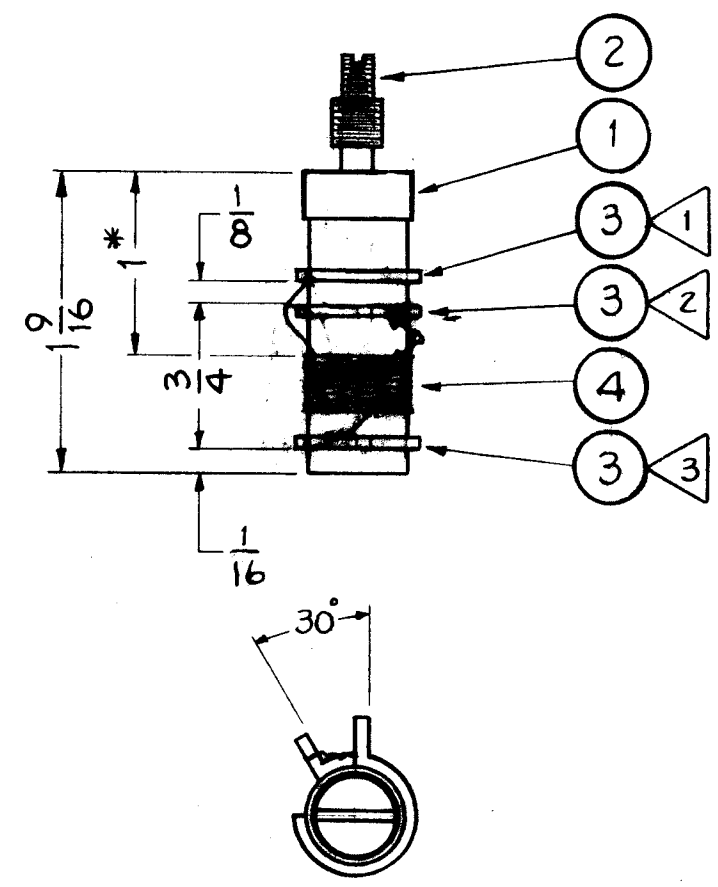


A-1725 D

PROCEDURE ~

- 1~ SECURE TERMINAL RINGS (ITEM 3) TO FORM (ITEM 1) WITH INSULEX (ITEM 5).
- 2~ WIND 22 TURNS (ITEM 4) FROM $\triangle 1$ TO $\triangle 2$ & TAP.
- 3~ WIND 12 TURNS (ITEM 4) FROM $\triangle 2$ TO $\triangle 3$.
- 4~ SOLDER WIRE ENDS TO PROPER TERMINALS.
- 5~ PAINT WINDING WITH INSULEX (ITEM 5)
- 6~ BAKE 1/2 HOUR AT 210°F.
- 7~ TEST AS SHOWN BELOW, USE BOONTON Q-METER OR EQUIVALENT.

* START WINDING



TEST DATA WITH CORE REMOVED
 L = 10-14 UHY
 Q = 50 OR GREATER
 F = 25 MCS

GEAR DATA ~ FOR PI WIND

CAM ~ .375
 DRIVE GEAR ~ 37
 CAM GEAR ~ 105

ASSEMBLY	CORE	TEST DATA		Q	FREQ	RANGE	COLOR	PART #
		MAX	MIN					
A1725	CI109-18	>23 μ h	<14 μ h	>50	2.5 MC	2-4 MC	RED	CL173
A1725-2	CI103D7B5	>35 μ h	<17.5 μ h	>55	2.5 MC	1.71-3.4 MC	GREEN	CL173-2

NOTE: CHART TEST DATA IS FOR CORE INSERTED.

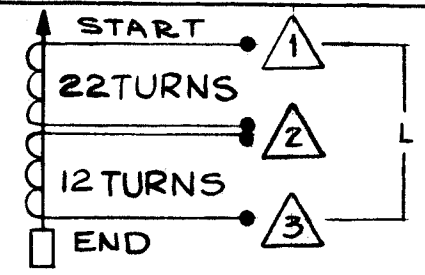
NOTICE TO PERSONS RECEIVING THIS DRAWING

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

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	6	BS-100	SOLDER, SOFT	
X	5	GL104-2	INSULEX, U-85	
X	4	WI107-11	WIRE #30 AWG DOUBLE SILK	
3	3	TE153-3	TERMINAL, RING TYPE	
1	2	SEE CHART	CORE, TUNING	
1	1	CF119-1.562	COIL FORM, W/BUSHING	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
D		ON CHART A1725 CORE WAS CI116-10	1-16-67	17683	WHD	<i>[Signature]</i>	<i>[Signature]</i>
C	1	1/16 DIM. WAS 1/8.	2-26-65	13601	J.L.	<i>[Signature]</i>	<i>[Signature]</i>
B	2	EL. SPECS REV. CHART ADD. IT 2 WAS CI116-10, RED	6-12-64	11553	WTB	<i>[Signature]</i>	<i>[Signature]</i>
A	1	COMPLETELY REVISED	5-27-60	2391	CY	<i>[Signature]</i>	



TOLERANCES: DEC. DIM. \pm , FAC. DIM. \pm , UNL. DIM. \pm
 SCALE: MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

1	RFDIA, 2			2 ~ 5 ~ 60
REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
USED ON				

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
COIL, R.F. (CL 173)			
MATERIAL:		J.C. Biele	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
FINISH & SPEC. NO.		P.A.	<i>[Signature]</i>
ELEC. DES. APP.		MECH. DES. APP.	
A-1725 D			