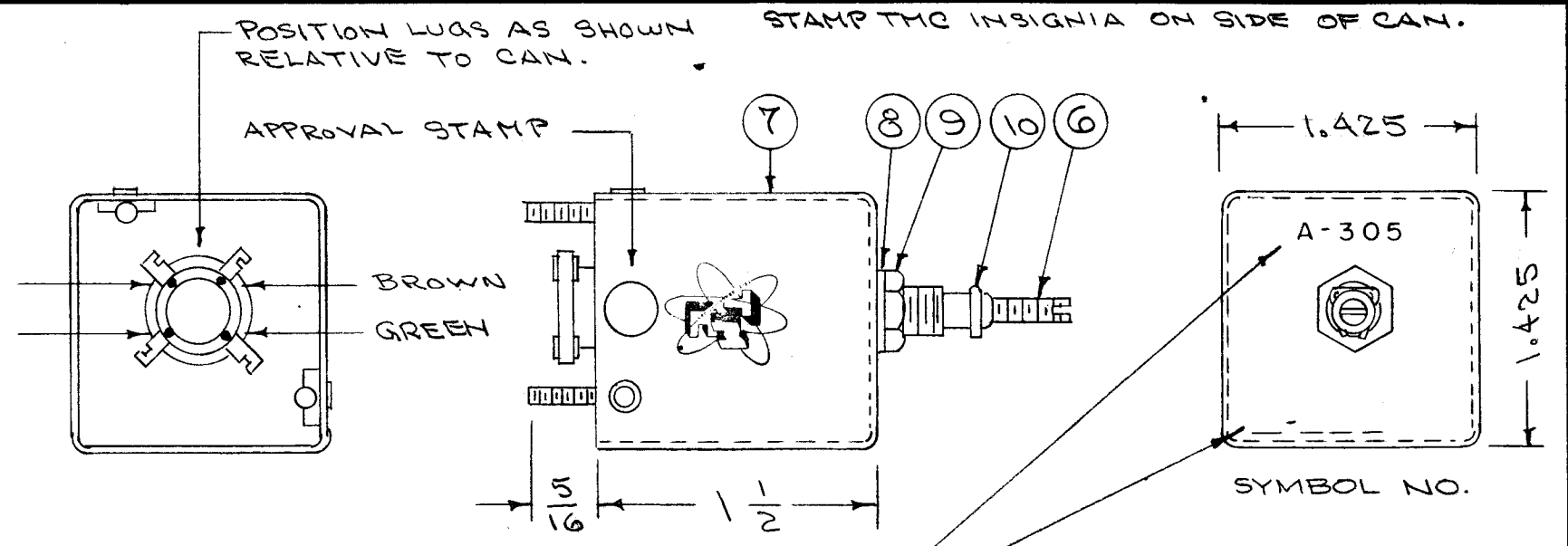
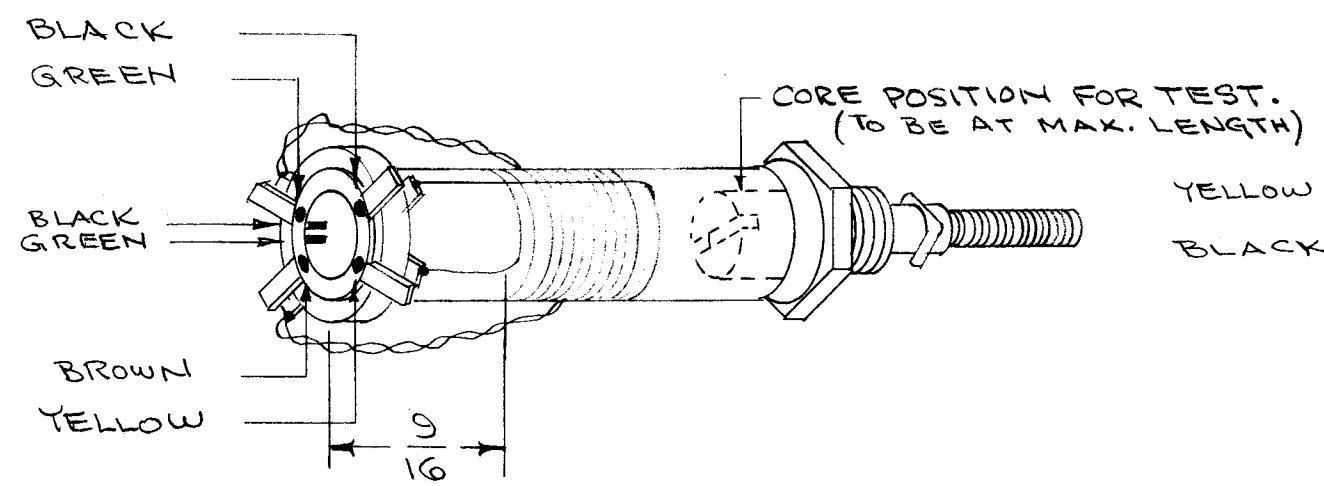


A-305

CEMENT ITEM 5 (COLLAR) TO COIL FORM WITH ITEM 3. COLOR CODE END OF COIL FORM AS BELOW.



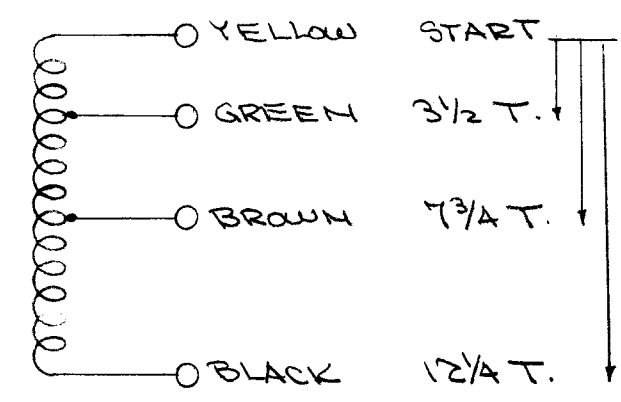
WINDING DATA

- 1- START WINDING ON YELLOW LUG.
- 2- 1ST TAP TO GREEN LUG AT 3 1/2 TURNS FROM START.
- 3- 2ND " " BROWN " " 7 3/4 " " " .
- 4- END ON BLACK " " 12 1/4 " " " " .
- 5- STAKE LEADS WITH ITEM 3.
- 6- BAKE FOR 1/2 HOUR AT 215° F.
- 7- SATURATE COIL WITH ITEM 4. (Q MAX).
- 8- BAKE FOR 1/2 HOUR AT 215° F.
- 9- REPEAT STEPS 7 & 8.
- 10- STRIP, TIN & SOLDER CONNECT ENDS & TAPS AS ABOVE.

TEST DATA (SEE ABOVE FOR CORE POSITION)
 TEST LEADS TO BE APPROX. 1/4". NO CAN NEEDED FOR TEST.

	YELLOW/GREEN	YELLOW/BROWN	YELLOW/BLACK
L _{uh}	.362 (.344 - .380)	1.2 (1.15 - 1.25)	2.05 (1.95 - 2.15)
Q	68 OR GREATER	100 OR GREATER	95 OR GREATER
F	25 MC	25 MC	7.9 M.C.

USE BOONTON Q METER 160A OR EQUIVALENT



FREQ. RANGE - 8.355 - 16.855 M.C.

X 11	BS-100	SOLDER, SOLDER	
1 10	SP-102	SPRING LOCK P/O CF-114	
1 9	NT-102	NUT, HEX P/O CF-114	
1 8	WI25 LRC	WASHER, LOCK P/O CF-114	
1 7	A-173	CAN ASSY.	
1 6	CI-109-19	CORE	
1 5	TE-146-4	COLLAR & LUGS	
X 4	GL-102	Q MAX	
X 3	GL-103	CEMENT, DUCO	
X 2	WI-107-7	WIRE, MAGNET #26 DSC	
1 1	CF-114-3	COIL FORM	

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
STOCK SIZE COIL ASSEMBLY, L701, OSCILLATOR BAND 7			
MATERIAL		CDD 9/27/6 JAD A.J.J.	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		P.L.K.	
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
			A-305 A.

A 1	COMPLETE REVISION SUPERSEDES A-301	9/25/6	1	CDD	P.L.K.	A.J.J.	
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE:					
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. ±							

1	FFRD-7	104	A-328	9-25-56
REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
USED ON				