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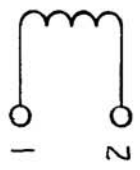
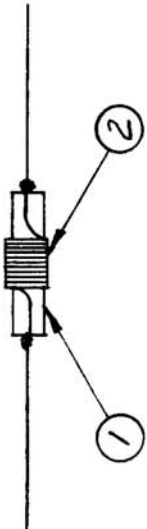
REQ. PER UNIT
1

MODEL
AFC-2

USED ON
ASSY. NO.

DATE
12/18/61

A-2270



WINDING DATA

1. Close wind on item 1, 37 turns of item 2.
2. Stake leads with item 3 and solder one lead to item 1.
3. Place on comparator and remove turns until "Before Baking" tolerance is achieved. Solder lead to item 1.
4. Coat with item 4 and place in oven for 1/2 hour at 215° F.
5. Remove and cool and then repeat test for "After Baking" tolerance.
6. Reject all coils that do not comply with tolerance.
7. Measure Q with Booton Q meter Type 160 A or equivalent.

TEST SPECIFICATION

L= 17.5 uh (see note)
Q= 90 or greater (test Freq. 2.5 mcs)

NOTE: Use impedance comparator
Type 1605-A to compare coil with standard coil CL-281
Before baking tolerance should be + .5%.
After baking tolerance should be + 1%.

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 5	BS-100	SOLDER, SOFT	
X 4	GL-104-2	INSULEX, U-85	
X 3	GL-103	CEMENT, DUCO	
X 2	WI-123-37	WIRE, FORMVAR #37	
I 1	CI-114	CORE, FIXED	
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		CL-281 COIL ASSEMBLY	
		W. S.	
		DRAWN	
		CHECKED	
		MECH. DES. APP.	
		ELEC. DES. APP.	
		FINISH & SPEC. NO.	
		HEAT TREAT. SPEC.	
		TYPE & TEMPER	
		MATERIAL	
		SCALE:	
		DATE	
		CH. NO.	
		DRAFTS	
		CHECKER	
		ENG. APP.	
		UNLESS OTHERWISE SPECIFIED:	
		DIMENSIONS ARE IN INCHES	
		TOLERANCES ON	
		FRAC. ± 1/64 DEC. ± .003 ANGLES ± 1/2°	
		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.	
		REMOVE ALL BURRS AND SHARP EDGES	