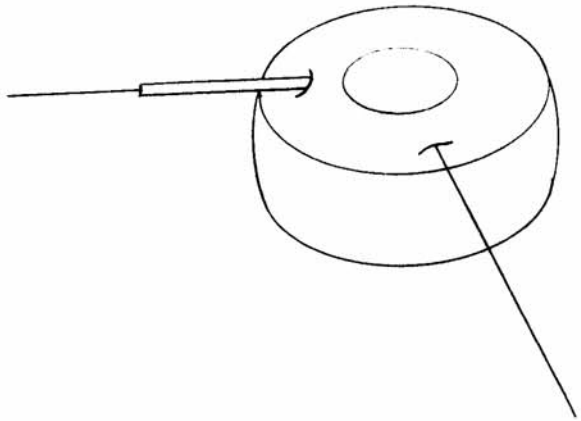
REQ. PER UNIT	USED ON MODEL	ASS'Y. NO.	DATE	CL-129	A
1	A-1461	A-1461	9-12-57		

WINDING MACHINE DATA (Boesch Winding mach.)

1. Approx. Load Length – 48 ft.

WINDING PROCEDURE

1. Wind coil to 15.8 millihenries, in accordance with TMC Spec. S-337
2. After proper inductance has been reached and checked, (Use Inductance Bridge – General Radio Model 1650-A) bake coil for ½ hour at 215° F.
3. Submerge hot coil in GL-110 (item 3)
4. Resonate coil in accordance with TMC Spec. S-400



INDUCTANCE – 15.8 mH. (15.642 to 15.958)
Q must be 15 or greater at 1 Kc

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	5	LWC28(7)UO	Cable, Hook-up	Blk. on S337
X	4	PX-104-1-.022	Insulation, Sleeving	
X	3	GL-110	Wax, Impregnating	
X	2	WI-123-31	Wire, Magnet	
1	1	CI-103-34	Core	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A		millihenries WAS microhenries S400 WAS S-346	1-15-68	18718	HG.		OP

TOLERANCES
DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

SCALE:

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

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC.

FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

REACTOR, TOROIDAL,
15.8 μh

DRAWN	CHECKED	FINAL APPROVAL
9/12/57		
ELEC. DES. APP.	MECH. DES. APP.	CL-129 A