

E
A-2511

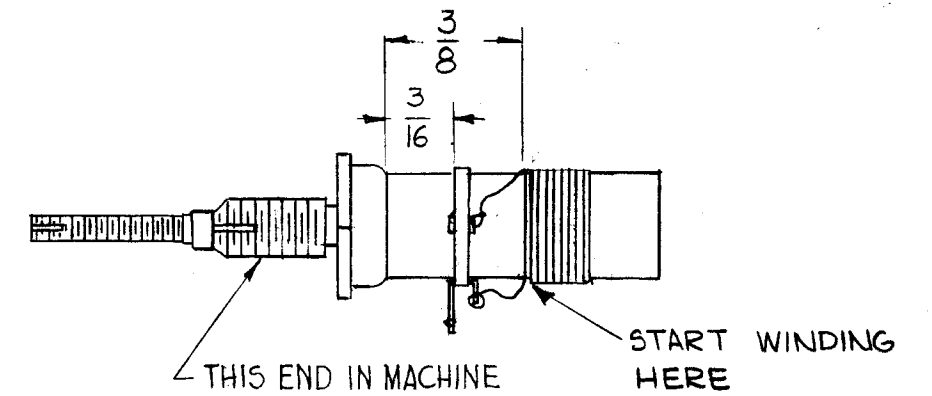
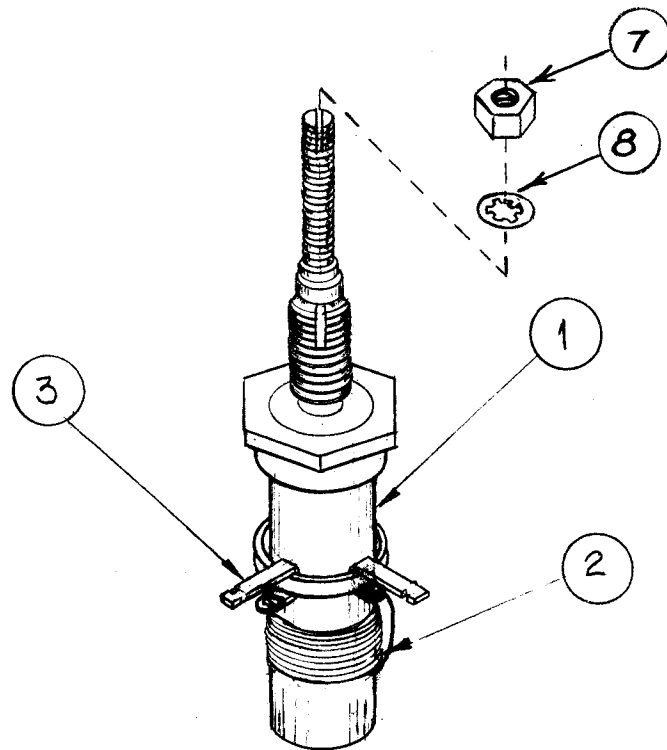
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COIL DATA

SPECIFICATIONS	PRIMARY
COIL	CLOSE WOUND
IND (MIN.) ± 1µh	3µh W/CORE FULLY RECESSED
IND (MAX.) ± 1µh	6µh W/CORE FULLY ENGAGED
Q AT 7.9 Mc	45 or BETTER W/CORE FULLY ENGAGED
COIL RES.	1 Ω
WINDING DATA	
URNS	20
WIRE	MAGNET WIRE, SINGLE

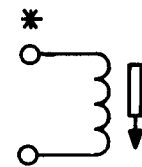
WINDING INSTRUCTIONS

- 1 - CLOSE WIND 20 TURNS OF ITEM 2, STARTING 3/8" FROM BUSHING AS SHOWN
- 2 - STAKE COIL IN PLACE WITH ITEM 4
- 3 - CLEAN & TIN LEADS & MOUNT ITEM 3
- 4 - MEASURE IND. (MAX & MIN) Q, & COIL RES. COIL MUST MAKE BOTH MAX & MIN IND. BUT MAY EXCEED EITHER LIMIT BY 1µh
- 5 - SATURATE COIL WITH ITEM 5



NOTE: DWG. NO LONGER USED
SUPERSEDED &
DIRECTLY REPLACED BY CL294

* INDICATES START OF WINDING.



SCHEMATIC DIAGRAM

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	8	LWIOMRN	LOCK WASHER INT.	
1	7	NTH1032BN10	NUT HEX	
X	6	BS-100	SOLDER, SOFT	
X	5	GL-102	Q-DOPE	
X	4	GL-103	DUCO	
1	3	TE-195-2A	TERMINAL, COLLAR, SILICONE FIBERGLASS	
X	2	WI-122-37	MAGNET WIRE, SINGLE	
1	1	CF-134-5-E	COIL, FORM, CERAMIC	

STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		CL-294 ASSEMBLY (COIL, RF)	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.	

E	REPLACED BY CL294	5-26-67	18141	HLL	OP	File
D	±1µh ADDED TO IND VALUE	11/16/66	17279	WFO	OP	
C	IT. 7 AND 8 ADDED.	1/11/66	15553	R.V.L.	OP	
B	LEAD WERE SOLDERED TO LONG TABS	11-27-63	10490	BY	OP	
A	ITEM 3 WAS TE-153-1 TERMINAL RING TYPE	8-20-62	7075	SG	OP	

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED:		SCALE: DO NOT SCALE				
DIMENSIONS ARE IN INCHES		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
TOLERANCES ON FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°		REMOVE ALL BURRS AND SHARP EDGES				

REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE
1	AFC-3		A-2505	7-26-62
USED ON				