

TMC MFG. NO.	C1		C2		L1							TMC PART NO.	BASE
	ITEM 16	ITEM 17	IND. NO. CORE	Q	COIL RES	TEST FREQ	CAM GEAR	CAM DRIVER	CAM	TURNS	WIRE (ITEM 18)	STAMP ON CAN	COLOR CODE
A-2244-705	CM15C511J	CM15C201J	135-155 μ h	85 OR BETTER	3 Ω	790KC	107	70	.250	150	WI-104-1243-SC-QS	NF-108-705	BLUE
A-2244-2000	CM15C511J	CM15C111J	31 μ h \pm 2 μ h	500 OR BETTER	2 Ω	2.5 MC	105	69	.250	75	WI-104-541-SC-QS	NF-108-2000	GREEN
A-2244-350	CM15F511G03	CM11F471F55	300 μ h \pm 10%	65 OR BETTER	2.8 Ω	790 KC	81	39	.250	201	WI-104-1141-SC-QS	NF-108-350	ORANGE/GREEN

A-2244 F

NOTICE TO PERSONS RECEIVING THIS DRAWING

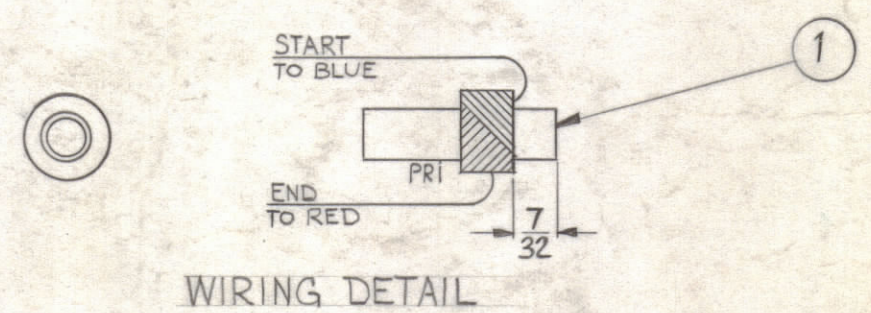
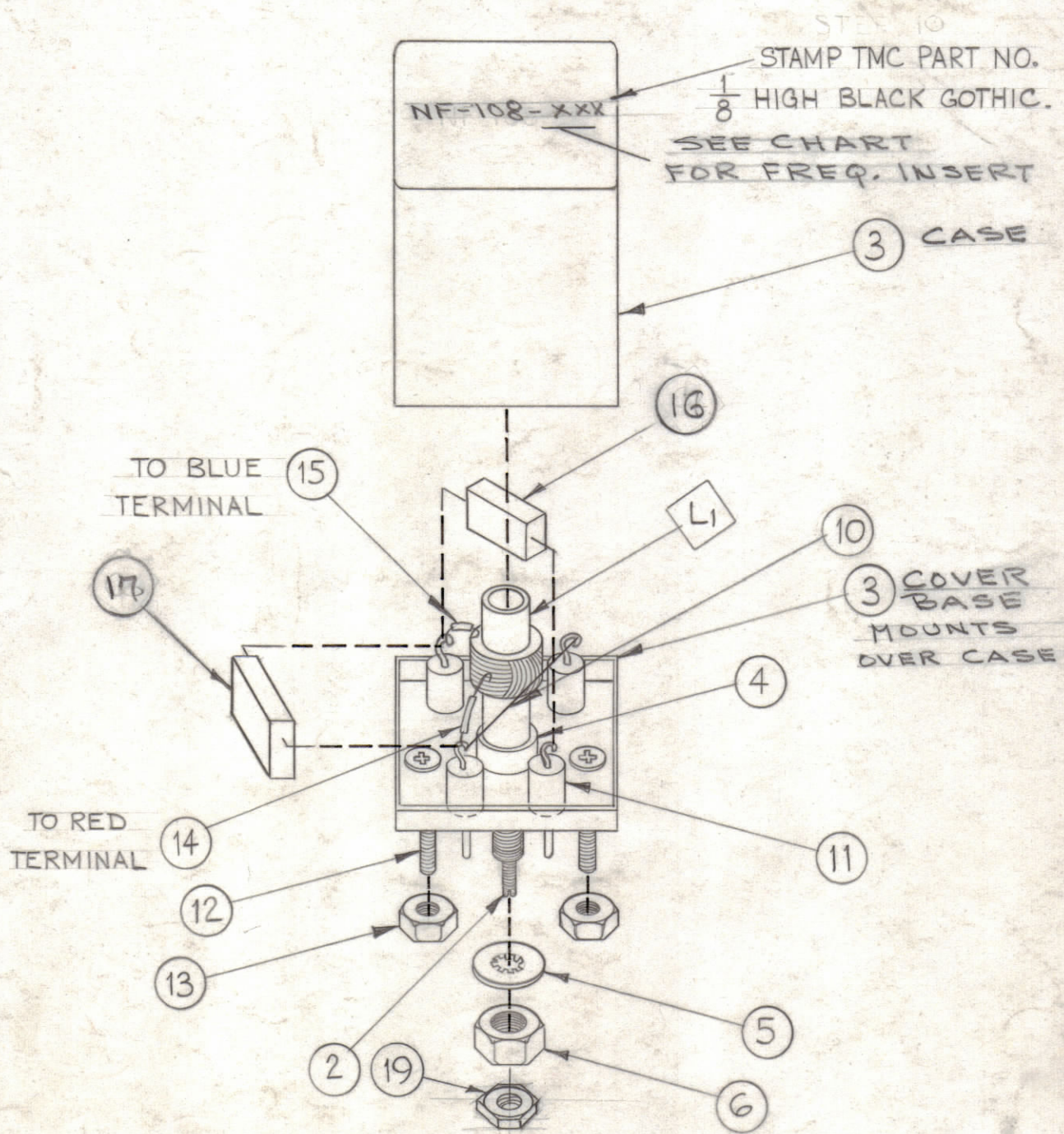
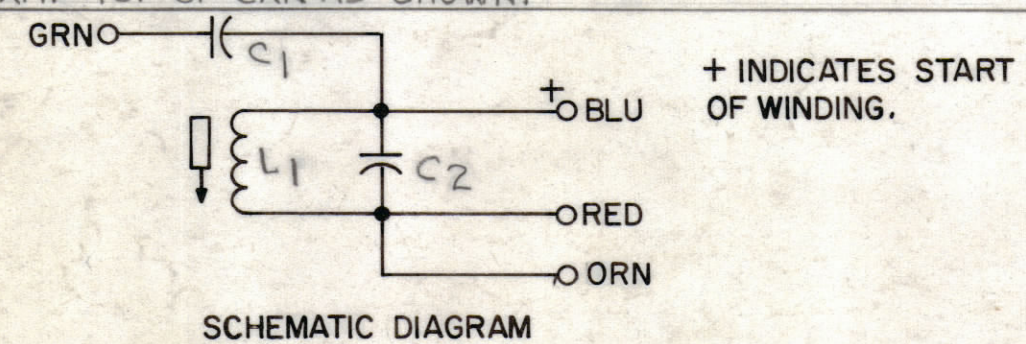
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MAMARONECK, NEW YORK

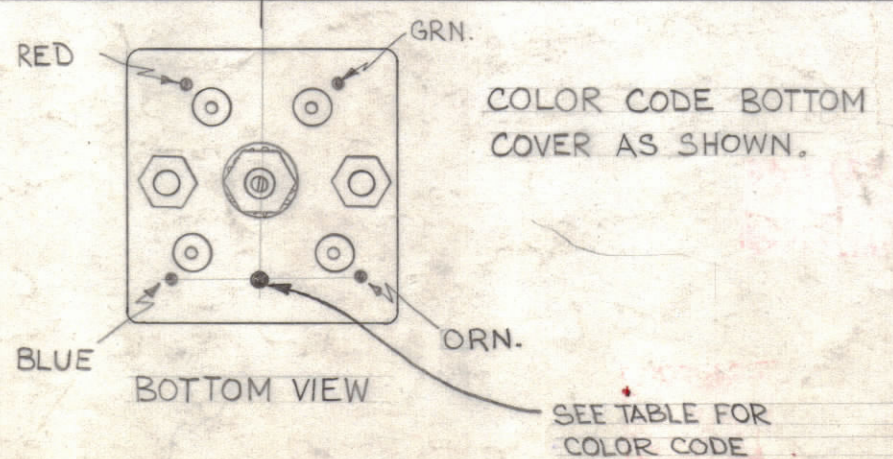
WINDING & ASSEMBLY INSTRUCTIONS

- 1- WIND PRIMARY WIRE STARTING 7/32" FROM END. STAKE ENDS WITH GL-103 (ITEM 7).
- 2- COLOR CODE BASE AS SHOWN.
- 3- STRIP & TIN LEADS. SOLDER THEM TO PROPER COLOR-CODED TERMINALS ON BASE.
- 4- MEASURE Q, IND, & RES W/O CORE.
- 5- BAKE FOR 15 MIN. AT 220° F. SATURATE COILS WITH GL-102 (ITEM 8).
- 6- SOLDER COMPONENT LEADS TO TERMINALS.
- 7- ASSEMBLE AS PER ASSEMBLY DRAWING. PLACE IN CASE.
- 8- SOLDER COVER TO CAN (ALL AROUND)
- 9- PAINT CAN (ALL SURFACES EXCEPT TERMINAL END) PAINT SPEC.-S-371 DECREASE; S-114 ZINC CHROMATE PRIMER; S-115 SMOOTH GRAY ENAMEL.
- 10- STAMP TOP OF CAN AS SHOWN.



NOMENCLATURE
NF-108-705
BASIC NO FREQ KCS

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	19	NTH0348BNG	NUT, HEX.	
X	18	SEE CHART	WIRE, LITZ	
1	17	SEE CHART	CAPACITOR, FIXED, MICA, DIEL. C2	
1	16	SEE CHART	" " " " C1	
X	15	PX-104-6-.085	INSULATION, SLEEVING	BLUE
X	14	PX-104-3-.085	INSULATION, SLEEVING	RED
2	13	NTH0632BN8	NUT, HEX	
2	12	SCBP0632BNG	SCREW, MACHINE	
4	11	PL-217-1-9	PLUG, MINIATURE	
X	10	WL-100-7	WIRE, BUSS	
X	9	BS-100	SOLDER, SOFT	
X	8	GL-102	Q-DOPE	
X	7	GL-103	DUCO	
1	6	NTH0832BN8	NUT, HEX	
1	5	LW108MRN	LOCKWASHER, INTERNAL	
1	4	SM-140-2	BUSHING, COIL MTG.	
1	3	BX-198	CASE & COVER	
1	2	CI-116-6	CORE, TUNING	
1	1	CF-122-1.0	COIL FORM, .250 O.D.	



SYM	ZONE	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
F	#	LINE A-2244-350 ADDED	12/1/65	15434	DLV	GRN	GRN
E	B4	ITEM 19 ADDED TO DWG	11-12-63	10412	GRD	MMH	GRN
D	H0A3	BASE COLOR CODE ADDED	8-28-63	0154	GR	MMH	GRN
C	H0A6	REVISED ON A-2244-2000	5-23-62	6737	EL	MMH	GRN
B	H0A3	IND. WAS 40-50 μ h (Q) WAS 80 OR BETTER	4-17-62	6619	EE	MMH	GRN
H0A4		ON A-2244-2000 (ITEM 17) WAS CM15C300K; TURNS WERE 150					
H0A7		ADD NF-108-2000 TO CHART					
A	H0A7	ON WINDING & INSTRUCTIONS (ASSEMBLY) 8, 9, 10 ADDED	2-26-62	6272	G.S.	MMH	GRN
C0, H0A		TERM. ORANGE WAS BLACK; NO CORE ADDED TO IND ON CHART					

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS \pm 1/64 DECIMALS \pm .005 ANGLES \pm 1/2°
SCALE DO NOT SCALE
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS & SHARP EDGES

REQ. PER UNIT	MODEL	No. SECTION	ASS'Y. NO.	DATE
1	AFC-3	NF107-2000		4-12-62
1	AFC-2, 2A	NF107-705		12-11-61

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
NF-108 ASS'Y				
MATERIAL				
TYPE & TEMPER HEAT TREAT. SPEC.				
FINISH & SPEC. NO.				
ELEC. DES. APP. MECH. DES. APP. SHEET OF				