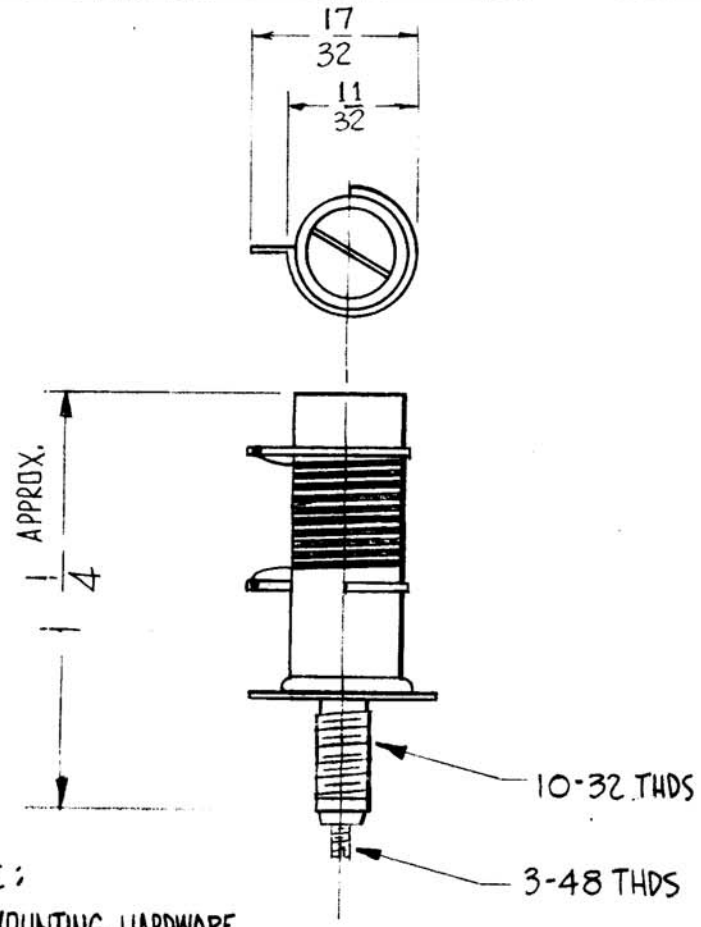
THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT	USED ON MODEL	ASS'Y. NO.	DATE	AC-169	A
3	HFR-1/T		6-11-61		



NOTE:
MOUNTING HARDWARE SUPPLIED BY MFG.

MODEL	REQ.	FUNCTION	FREQ (MC)	SYMBOL
HFR-1	1	BAND#3 OSC	5.75 - 7.75	L1053
HFR-1	1	BAND#4 OSC	7.75 - 9.75	L1054
HFR-1	1	BAND#5 OSC	9.75 - 13.75	L1055

ELECTRICAL SPECIFICATIONS

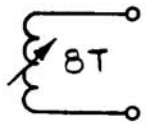
TEST FREQ. - 25 MC
MAX. IND. - 0.71 μh
MIN. IND. - 0.38 μh
Q - 75 MIN @ MIN L

(TESTED WITH 1" LONG TEST LEADS)

MECHANICAL SPECIFICATIONS

COIL FORM CERAMIC (STUD MTG)
8 TURNS
AWG #24 MAGNET WIRE

SCHEMATIC



SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	ELECT SPECS. REVISED	10-3-66	16972			

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRAC. ± 1/64 DEC. ± .005 ANGLES ± 1/2°

SCALE: 1 A 2497

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

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			ANGER	

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC. | FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

COIL, RF, TUNED

DRAWN	CHECKED	FINAL APPROVAL
RUZZO		YFH 6-3-63

ELEC. DES. APP.	MECH. DES. APP.	
J. ANGER		AC-169 A

TMC FORM NO. 108-A

DEFIANCE NO. 1020 36843