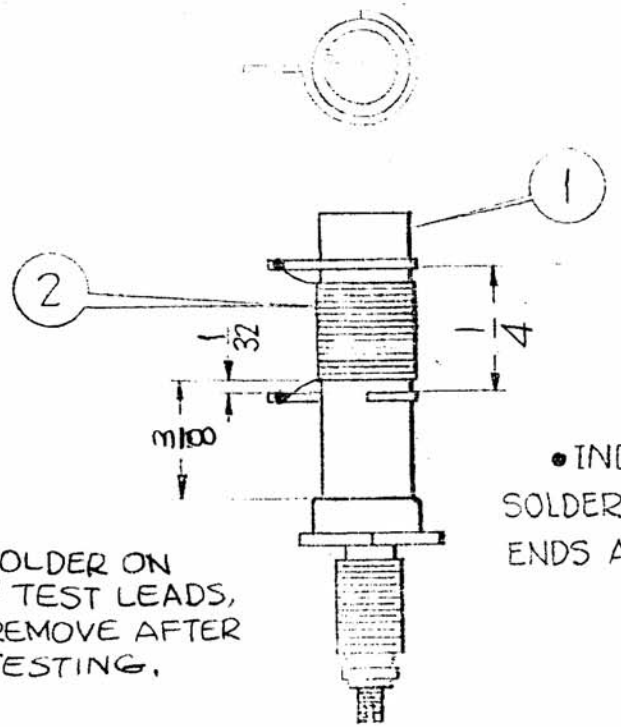
THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT	MODEL	ASS'Y. NO.	DATE		
3	HFR-1/T		6-9-62	A-2497	B



* SOLDER ON 1" TEST LEADS, REMOVE AFTER TESTING.

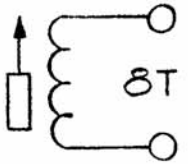
• INDICATES SOLDER POINTS. SOLDER ENDS AS SHOWN.

WINDING PROCEDURE

1. Secure Terminals to coil forms with Q-Max.
2. Wind 8 Turns on coil form, Single Layer Close Wound.
3. Stake wire ends to coil form with Q-Max.
4. Strip ends wrap around terminals and Solder.
5. Bake for ½ Hour @ 215°F. to remove moisture.
6. Coat coil with Q-Max. and bake for ½ Hour @ 215° F.

* TEST SPECIFICATION

TEST FREQ. = 25 MC
MAX. IND = 0.71 uh REF.
MIN. IND = 0.38 uh REF.
Q = 75 MIN. @ MIN. IND.



SCHEMATIC SYMBOLS

L1053; L1054; L1055

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	4	GL-102	Q-Max	
X	3	BS-100	Solder, Soft	
X	2	WI-122-24	Wire, Magnet, #24	
1	1	CF-134-5-E	Form, Coil, Slug Tuned	

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	* NOTE ADDED	10-3-62	16972			
A	3/8 DIM. WAS 5/16 TEST SPEC. CLARIFIED	5/2 5/6	14140			

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

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

AC-169 ASS'Y.
(COIL, RF TUNED)

DRAWN	CHECKED	FINAL APPROVAL	
D.J. Mann	Jule	BP	
J. ANGER		A-2497	B
ELEC. DES. APP.	MECH. DES. APP.		