

A-1838

WINDING ~

50 TURNS CLOSE WOUND OF ITEM 6, WI-123-16

FABRICATION ~

1 ~ BUILD UP FERRAMIC CORE ITEM 4 WITH TAPE, ITEM 3, TO 3/8" DIA. AS SHOWN IN STEP 1.

2 ~ PRESS FIT CORE INTO COIL FORM ITEM 2, LEAVE 3/8" SPACE EACH END OF FORM AS SHOWN IN STEP 2.

3 ~ ASSEMBLE END PIECES ITEM 1 INTO COIL FORM.

4 ~ MEASURING IN 5/32 FROM EACH END OF COIL FORM DRILL WITH NO. 53 THRU AS SHOWN IN STEP 3.

5 ~ WIND 50 TURNS OF WIRE ITEM 6 ON COIL FORM, START WINDING 1/2" FROM END AS SHOWN IN STEP 4.

6 ~ SOLDER WIRE ENDS TO END PIECES.

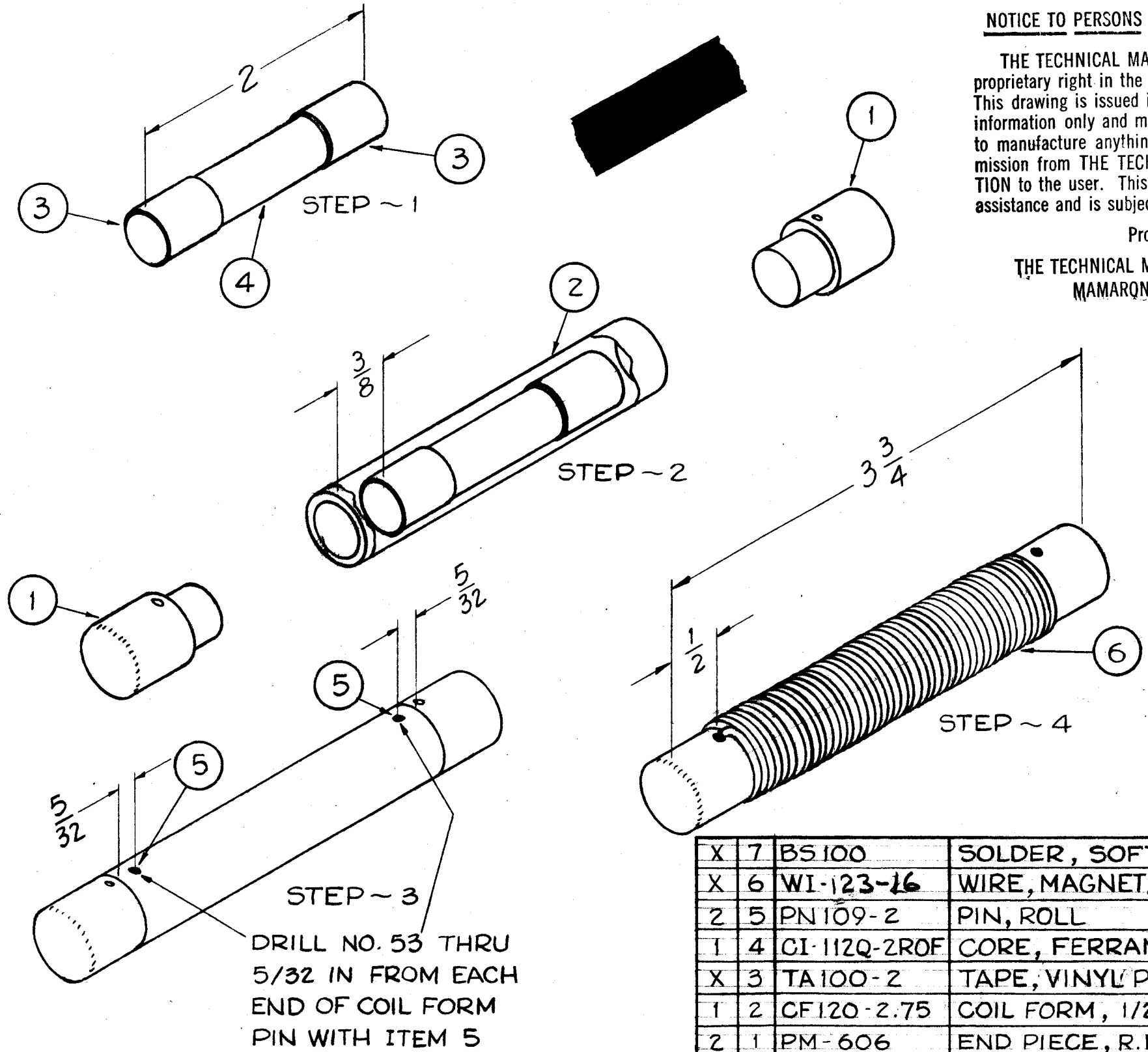
TEST DATA ~

L - 30.5 MICROHENRIES ±10%

Q - 15 ±10%

F - 2.5 MCS

TEST ON BOONTON Q METER MODEL 160A OR EQUIVALENT.



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REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	7	BS 100	SOLDER, SOFT	
X	6	WI-123-16	WIRE, MAGNET, HEAVY	16 GA
2	5	PN 109-2	PIN, ROLL	
1	4	CI-112Q-2R0F	CORE, FERRAMIC	
X	3	TA 100-2	TAPE, VINYL PLASTIC	
1	2	CF120-2.75	COIL FORM, 1/2 O.D.	
2	1	PM-606	END PIECE, R.F. FIXER	

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
CL-222 ASS'Y COIL, R.F. FIXED, INTERCONN. FILTER	
J.C. Biele	38
TYPE & TEMPER	HEAT TREAT. SPEC.
DRAWN	CHECKED
FINISH & SPEC. NO.	ELEC. DES. APP. MECH. DES. APP.

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B		L ±10%, Q-WAS. 35	1-16-67	17676	L.A.K.	JCS	JCS
A		±10% ADDED TO IND Q VALUE WAS 35	11/16/66	17273	WFO	JCS	JCS

REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
18	AP-102	GPT 40K		3-2-60
USED ON				