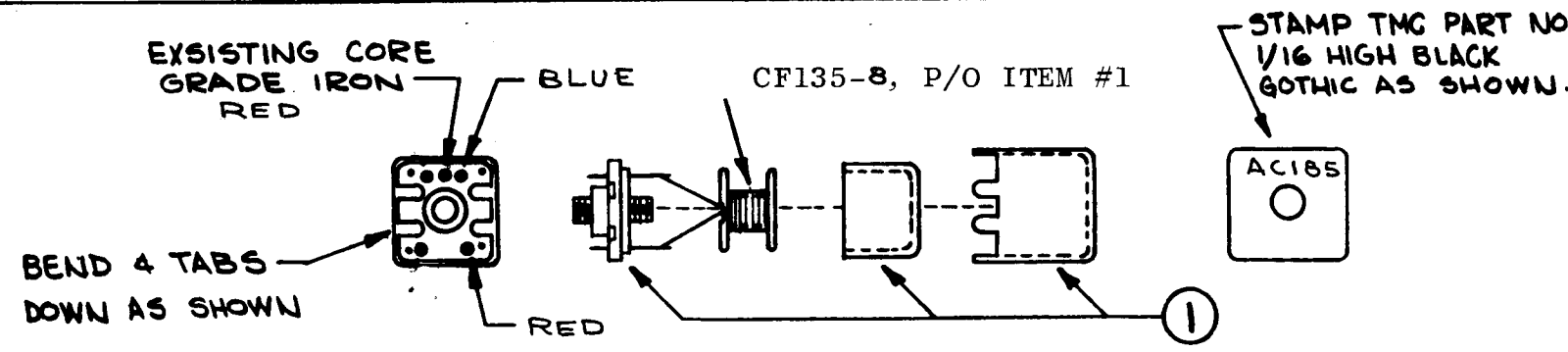
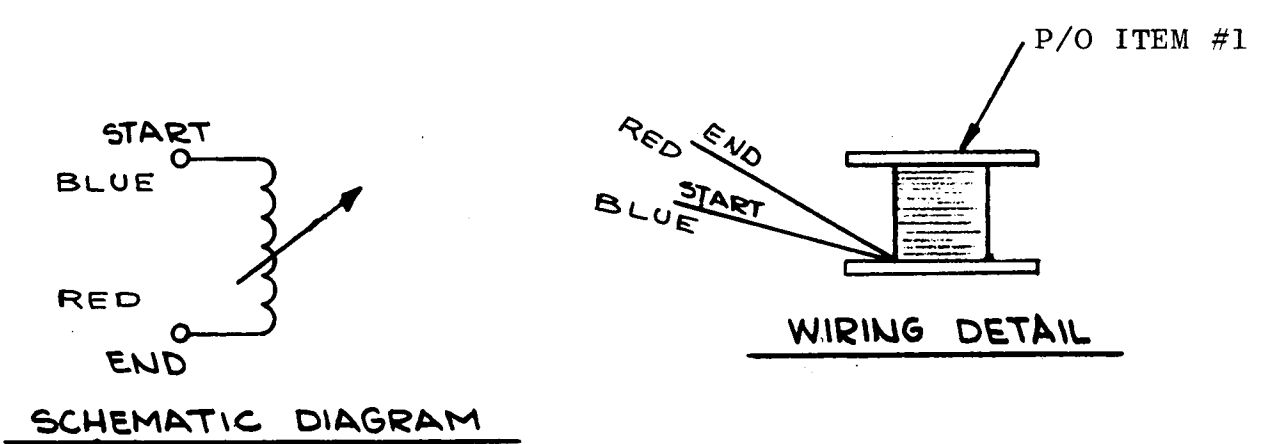


"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE 10KC BRIDGE
6 MC	50	—//—	—//—	—//—	6.24 $\mu$ H $\pm$ .5 $\mu$ H

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXPER. RELEASE	10-20	X	4/4	
Ø	ORIGINAL RELEASE FOR PRODUCTION	7-20-65	Ø	Ø	

A3901Ø

- 1- WIND 27 TURNS OF ITEM 3 ON ITEM 1, STAKE WITH ITEM 4.
- 2- BAKE COIL FOR 15 MIN. AT 150°F, REMOVE FROM OVEN AND COAT COIL WITH ITEM #5.
- 3- COLOR CODE TERMINALS ON BASE AS SHOWN.
- 4- STRIP AND TIN LEADS TO WITHIN 1/4" OF COIL.
- 5- PLACE BOBBIN OVER SLUG ON BASE, TAKING CARE TO POSITION NOTCHES ON RAISED PART OF BASE.
- 6- SOLDER ALL LEADS TO PROPER COLOR-CODED TERMINALS ON BASE.
- 7- ASSEMBLE AS PER ASSEMBLY DRAWING, PLACE IN CASE; BEND THE 4 TABS DOWN IN THE NOTCHES.
- 8- DO NOT CUT OFF THE TWO LONG TABS.
- 9-
- 10- STAMP TMC PART NO. AS SHOWN ABOVE.
- 11- TEST INDUCTANCE, AND Q AS SHOWN ABOVE. SET INDUCTANCE FIRST
- 12- BAKE COMPLETED ASSEMBLY FOR ONE HOUR AT 212°F.
- 13- REMOVE COMPLETED ASSEMBLY FROM OVEN AND ALLOW TO COOL TO ROOM TEMPERATURE.
- 14- REPEAT STEP NO. 11.
- 15- TEST COIL WITH A 1/4% 10KC UNIVERSAL BRIDGE. ( INDUCTANCE ONLY )
- 16- TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN ABOVE.
- 17- TEST COIL WITH "Q" METER 260A (FOR "Q" ONLY).
- 18- SET THE TEST FREQUENCY AS SHOWN ABOVE. AND SET THE (MULTIPLY "Q" X ) TO 1.
- 19- TUNE THE INDUCTANCE DIAL. TO REACH THE MAX. READING ON THE "Q" METER.



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	6	BS-100	SOLDER, SOFT	
X	5	GL-130	ADHESIVE, Q-DOPE	
X	4	GL-103	ADHESIVE, N-CEL	
X	3	WI 141-34-5	WIRE, ELECTRICAL,	
—	2	—	—	
1	1	CI-136-2	CORE, ADJUSTABLE TUNING	

**M. GELLMAN** LIST OF MATERIAL

**THE TECHNICAL MATERIEL CORP.**  
MAMARONECK, NEW YORK

TITLE: AC185 COIL, RF, ADJUSTABLE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS: .X  $\pm$  .05, .XX  $\pm$  .01, .XXX  $\pm$  .005  
FRACTIONS:  $\pm$  1/64, ANGLES:  $\pm$  0° 30'

TOLERANCES

DRAWN: *[Signature]* DATE: 10-20-64  
CHECKED: *[Signature]* DATE: *[Signature]*

ELECT. DES: *[Signature]* DATE: *[Signature]*  
MECH. DES. DATE: *[Signature]*

FINAL APPROVAL: *[Signature]* DATE: *[Signature]*

SHEET: A3901 Ø

REV. LTR.

1	VLRB-1	A3655
QTY./UNIT	MODEL USED ON	ASSY. NO.
SCALE	CODE	

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NOTES