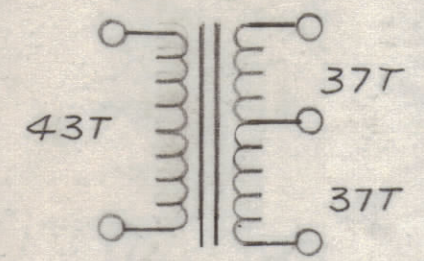
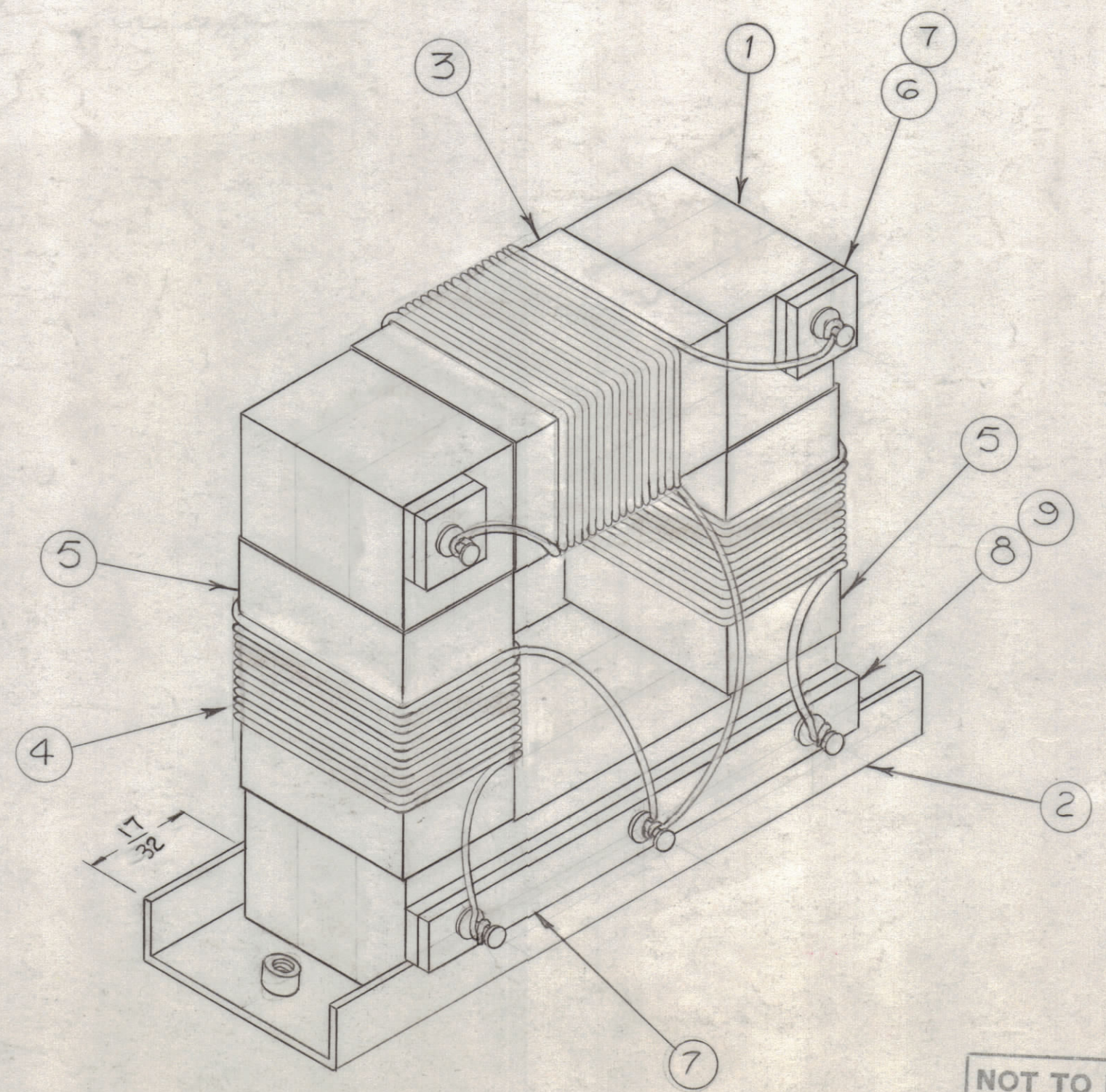


SCHEMATIC



MEASURED WITH MARCONI
TYPE BRIDGE

INDUCTANCE:
43T = 470 uH ±15%
37T = 360 uH
37T = 360 uH
Q = >10 uH



REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXPERIMENTAL RELEASE	1-11-68			
	X	INDUCTANCE ADDED	7-30-68			
		ORIGINAL RELEASE FOR PRODUCTION	11-19-68		EG	

ASSEMBLY NOTES

1. USING ITEM 10 JOIN ITEM 1 TOGETHER AS SHOWN.
2. ALLOW ITEM 10 TO HARDEN FOR 2 HOURS.
3. USING ITEM 10 MOUNT ITEM 1 ON ITEM 2 AS SHOWN.
4. SECURE ITEMS 6, 7, 8, 9 TO XFMR WITH ITEM 10 AS SHOWN.
5. ALLOW ASSEMBLY TO HARDEN FOR 2 HOURS.
6. WRAP 2 TURNS OF ITEM 5 AROUND ITEM 1 AS SHOWN, (2 PLACES)
7. WRAP 2 TURNS OF ITEM 3 AROUND ITEM 1 AS SHOWN.
8. WIND 37 TURNS OF ITEM 4 OVER ITEM 5 EACH SIDE AS SHOWN.
9. SECURE ENDS OF ITEM 4 TO ITEM 8 WITH ITEM 11.
10. WIND 43 TURNS OF ITEM 4 OVER ITEM 3 AS SHOWN.
11. SECURE ENDS OF ITEM 4 TO ITEM 6 AS SHOWN.
12. ALLOW ENTIRE XFMR ASSEMBLY TO CURE FOR 24 HOURS.

**NOT TO BE RELEASED
W/O AUTHORIZATION**

AUTH. BY: _____
DATE: _____

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	11	BS100	SOLDER, TIN ALLOY	
X	10	GL125	ADHESIVE EPOXY (BLACK)	
1	9	PX1051-4	STRIP, MTG TERMINAL	
1	8	PX1051-3	STRIP, MTG TERMINAL	
2	7	PX1051-2	STRIP, MTG TERMINAL	
2	6	PX1051-1	STRIP, MTG TERMINAL	
X	5	TA110-4	INS TAPE, EL	
X	4	WI125-5	WIRE, ELECTRICAL MAG HML	
X	3	TA110-5	INS. TAPE, EL.	
1	2	MS5140-3	BRACKET, MTG, TRANSFORMER	
2	1	CI101-1Q1	CORE, U	

QTY. REQ.		ITEM	PART NO.	DESCRIPTION	SYMBOL
F. BUDETTI LIST OF MATERIAL					
FINAL APPROVAL		DATE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MECH. DES.		DATE			
ELECT. DES.		DATE			
CHECKED		DATE			
DRAWN		DATE		TR 191, MFGR. ASS'Y	
SIZE	CODE IDENT. NO.	DWG NO.		ISSUE	
C	82679	A4712		Ø	
SCALE			SHEET OF		

1	BCT-10KA	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE	A 5401-451	
<small>NOTICE TO PERSONS RECEIVING THIS DRAWING</small> <small>THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.</small>		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	
TOLERANCES ON	
DECIMALS	FRACTIONS
.X ± .05	± 1/64
.XX ± .01	ANGLES
.XXX ± .005	± 0° - 30'
MATERIAL	
FINISH	

A4712

B

A