



A4228

REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X1	COMPLETELY REVISED	6-22-65	X1			
X2	TOTAL TURNS 20 WAS 17, 12 WAS 10, TOTAL COIL 2.59 WAS 1.02 TOTAL COIL 1.28 WAS 1.015, Q 123 WAS 110, ON A4228-6 87 WAS 90	6-29-65	X2			
Ø	ORIGINAL RELEASE FOR PRODUCTION	4-14-66	Ø	G.D.L.		
A	DRW COMPLETELY REVISED & REDRWN	7-11-66	16535	UW		
B	CHGD "Q" TOL. TO "GREATER THAN" ON 3 IND WAS .95	8-11-66	16748	RME		

TMC PART NO.	ITEM #3	ITEM #4	WINDING DATA		TEST DATA						COLOR CODE CHART	A
			TOTAL TURNS	TURNS GND TO TAP	TOTAL COIL			COIL GND TO TAP				
					FREQ. (MC)	INDUCTANCE (uh) ± 5%	Q GREATER THAN	FREQ. (MC)	INDUCTANCE (uh) ± 5%	Q GREATER THAN		
A4228-1	TE146-2A	WI123-32	80	40	2.5	43.2	85	2.5	16.9	59	BROWN	1/2
2	2A	30	64	32	2.5	27.4	85	2.5	10.95	55	RED	1/2
3	2A	25	40	20	2.5	9.5	70	7.9	3.8	50	ORG.	1/2
4	2A	22	28	12	7.9	5.13	110	7.9	1.53	55	YEL.	1/2
5	2A	20	14	6	7.9	1.80	85	25.0	.53	80	GRN.	9/16
6	1	18	20	-	7.9	2.4	120	-	-	-	BLUE	15/32
7	1	18	12	-	7.9	1.28	85	-	-	-	VIO.	5/8
8	1	17	10	-	25.0	.98	140	-	-	-	GREY	5/8
A4228-9	TE146-1	WI123-12	8	-	25.	0.545	135	-	-	-	WHITE	3/4

TEST DATA

USE NO. 16 GAUGE WIRE 1" LONG ATTACHED TO SMALL MINIGATOR CLIPS FOR "Q" METER CONNECTION

NOTES

RFTA-1	
Q'TY./UNIT	MODEL USED ON
SCALE 1:1	CODE A
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X 6	GL104-2	ADHESIVE U-85		
X 5	BS100	SOLDER, TIN ALLOY		
X 4	SEE CHART	WIRE, ELECT, MAG, DOUBLE FILM		
1 3	SEE CHART	TERMINAL LUG-COLLAR		
1 2	TE146-1	TERMINAL LUG-COLLAR		
1 1	CF138	FORM, COIL		
REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
F. BUDETTI		LIST OF MATERIAL		
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
FINISH		TITLE TRANSFORMER, RF		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN	DATE	FINAL APPROVAL
		4/13/66	6-22-65	4/14/66
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		CHECKED	DATE	DATE
TOLERANCES		4-14-66	4-14-66	4-14-66
FRACTIONS ± 1/64 ANGLES ± 0° 30'		ELECT. DES.	DATE	DATE
		4-14-66	4-14-66	4-14-66
		MECH. DES.	DATE	DATE
		4-14-66	4-14-66	4-14-66
		A4228		B
		SHEET		REV. LTR.