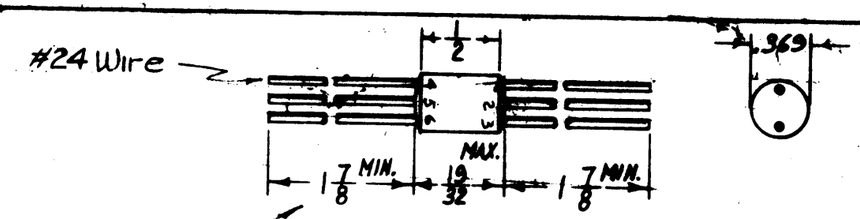
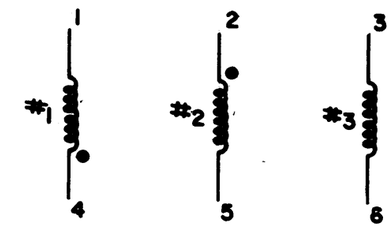
CHART A	
PRIMARY INDUCTANCE (WINDING #1)	
CODE	INDUCTANCE ±20%
B	10 MH
K	4.7 MH
O	1.0 MH
Q	0.47 MH
S	0.22 MH
U	0.1 MH
R	2.5 MH

CHART B	
TURNS RATIO ±3%	
CODE	RATIO
1	1.1:1
2	2:1:1
3	3:1:1
4	4:1:1
5	5:1:1
12	2:2:1
13	3:3:1
14	4:4:1
15	5:5:1



Mfg. Partnumber to be stamped on Unit.



• INDICATES SWING SAME POLARITY.

SCHEMATIC DIAGRAM

NOMENCLATURE SHALL BE IN THE FOLLOWING FORM:

TF-228 K 15

BASIC TMC PART NO. — PRIMARY INDUCTANCE (WINDING #1, CHART A.) — TURNS RATIO CHART B

SPECIFICATIONS

UNIT MEETS GRADE 5, CLASS R OF MIL-T-27A
PULSE WIDTH ~ 0.05 TO 5μ SEC.
PULSE REPETITION RATE ~ UP TO 10 MC
WEIGHT ~ 5 GRAMS
VOLTAGE RATING BETWEEN WINDINGS ~ 500 VOLTS DC.
CASE ~ METAL (TUBULAR).

PURCHASING NOTE:
MANUFACTURERS # AS FOLLOWS:

AM — TYPE (ALWAYS THE SAME)
K — PRIMARY INDUCTANCE
15 — TURNS RATIO
WA — SUFFIX (ALWAYS THE SAME)

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THE TECHNICAL MATERIEL CORPORATION
MAMARONECK, NEW YORK

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	1	Add. Case "R" To Chart A	7-20-67	18400	HW	JHe	RH
A	6	500 Volts DC [illegible]	10/4/60	31			
	5	Mfg. Part No. Note added		31			
	4	#24 wire added to trans.					
	3	Min. Bum 1/32 was 1/64					
	2	Accuracy ±3% was [illegible]					
	1	[illegible]					

TOLERANCES
DEC. DIM. ±
FRAC. DIM. ± 1/32
ANGULAR DIM. ±

SCALE: S401-94

MAXIMUM ALLOWABLE TOLERANCE HAVE BEEN DETERMINED AND ANY DEVIATION WILL BE CAUSE FOR REJECTION. REMOVE ALL BURR AND SHARP EDGES

C

MODEL	ADPV. NO.	DATE
		8-29-60

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
STOCK SIZE			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL			TRANSFORMER, PULSE	
TYPE & TEMPER	HEAT TREAT. SPEC.		DRAWN / CHECKED / ENG. APPROVAL	
FINISH & SPEC. NO.			DATE / ENGINEER / ENG. APP.	TF-228 B