

CHART 1

RESISTANCE IN OHMS	A	B	C	D	E
10	A	N/A	A	A	N/A
20					
50					
100					
200					
500					
1,000					
2,000					
5,000					
10,000		N/A			N/A
20,000		A			A
25,000	A	N/A			N/A
50,000	A	A	A	A	A
100,000	N/A		N/A	N/A	
200,000					
500,000					
750,000					
1,000,000	N/A	A	N/A	N/A	A

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	E.M.N.O	DRAFT	CHKD	APPD
	C	REVISED & REDRAWN	9/6/68	18984	HG	JA	EFM

A = AVAILABLE
N/A = NOT AVAILABLE

TMC P/N SHALL BE IN THE FOLLOWING FORMAT:

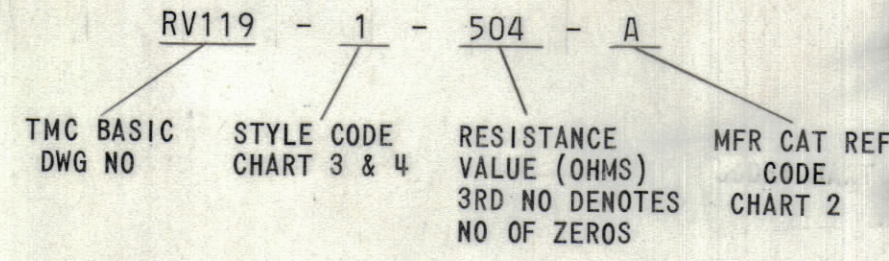


CHART 2

CODE	MFR CAT NO	STYLE CHART 3	TYPE	
A	3250	1	WIRE WOUND	1 WATT AT 70°C
B	3251	1	CARBON	1/2 WATT AT 50°C
C	3255	1	WIRE WOUND	1 WATT AT 50°C
D	3280	2	WIRE WOUND	1 WATT AT 70°C 1/2 WATT AT 125°C
E	3281	2	CARBON	1/2 WATT AT 50°C

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

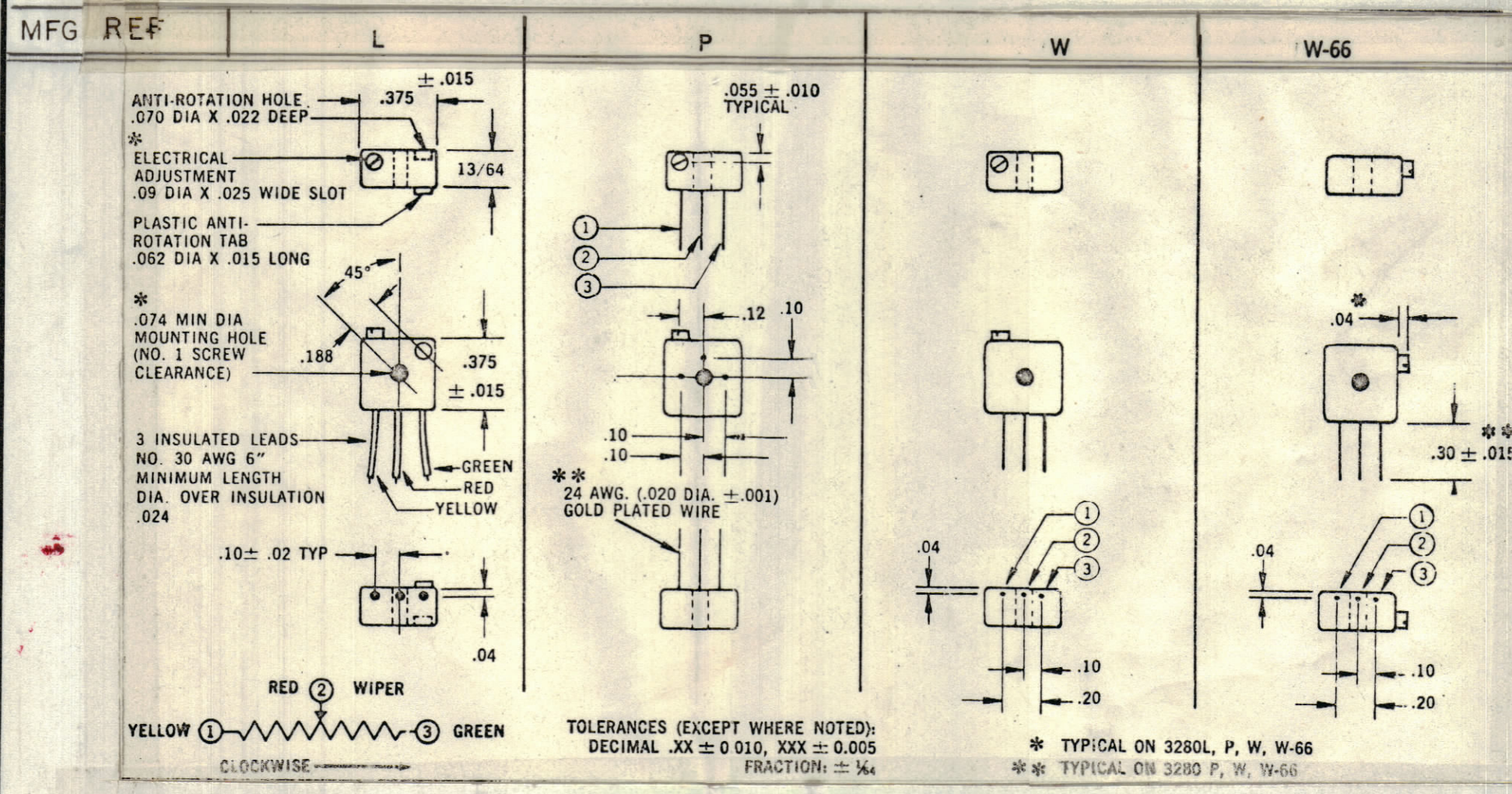
RESISTANCE VALUES (SEE CHART) 10 TO 1 MEGOHM
RESISTANCE TOLERANCE ±5.0% STANDARD, WIREWOUND, ±2% STANDARD CARBON
END SETTINGS 0 TO 0.1% OR 0 TO 1.0 Ω WHICHEVER IS GREATER, WIREWOUND
0 TO 1% CARBON
CONTINUITY MAINTAINED FOR FULL MECHANICAL RANGE
NOISE DURING ADJUSTMENT 100 Ω MAX
INSULATION RESISTANCE 500 VDC, 1000 MEGOHMS MIN, WIREWOUND
100 MEGOHMS MIN, CARBON

ENVIRONMENTAL CHARACTERISTICS

POWER RATING:
50°C (158°F) AMBIENT CARBON 0.5 WATT; WIREWOUND 1.0 WATT
150°C (347°F) AMBIENT 0.0 WATT
OPERATING TEMPERATURE RANGE -65 TO +150°C (-85 TO +302°F)
TEMP COEF MAX: CARBON ±300 PPM/°C WIREWOUND ±30 PPM/°C
HUMIDITY, VIBRATION, SHOCK, MEET MIL STD-202B, CARBON PER MIL-R-22097

PHYSICAL CHARACTERISTICS

SHAFT TORQUE 5.0 OZ-IN MAX
MECHANICAL ADJUSTMENT 25 TURNS NOMINAL
MECHANICAL STOPS WIPER ASSEMBLY IDLES
PINS GOLD PLATED PRINTED CIRCUIT PINS



TST-10K

QTY / UNIT	MODEL USED ON	ASS'Y NO.
	APPLICATION	
	CODE	S401-395

NOTICE TO PERSONS RECEIVING THIS DRAWING

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.

LIST OF MATERIAL

QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
	FINAL APPROVAL	DATE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK RESISTOR, VARIABLE-COMPONENT	
	R. HAY	6-9-65		
	MECH. DES.	DATE		
	ELECT. DES.	DATE		
	J.C.	6-9-65		
	CHECKED	DATE		
	JCB	5-24-65		
	DRAWN	DATE		
	H.A.	5-24-65		

TOLERANCES ON

DECIMALS	FRACTIONS
.X ± .05	± 1/64
.XX ± .01	ANGLES
.XXX ± .005	± 0° -30'

MATERIAL

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
C	82679	RV 119	C

SCALE

SHEET	OF