

STANDARD DRAWING

POWER IN WATTS	RESISTANCE RANGE IN OHMS		DIMENSIONS		LEAD DIA	MFR PT/NO
	MIN	MAX	L	D		
.15	1	4.0K	5/16	3/32	.025	DAX 1/2
.66	0.1	20K	1/2	7/32	.025	DAX 2
1.0	0.1	30K	5/8	1/4	.032	DAX 3

RESISTANCE TOL IN % ±	
CODE	
B	.1
C	.250
D	.500
F	1.0

RB101

REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
Ø	ORIGINAL RELEASE FOR PRODUCTION	11-10-66	Ø	Ø		

NOTE:
FOR VALUES BELOW 1Ω, MIN. TOL IS .01Ω
SPECIFY 1% ON PT/NO DESCRIPTION

SPECIFICATIONS

TEMPERATURE COEFFICIENT: 0 ±20ppm 65°C TO 150°C
 OPERATING TEMPERATURE: -65° TO +175°C
 TOLERANCE AND APPLICABLE MINIMUM RESISTANCE VALUE:
 BELOW 1 OHM ±.01 OHM
 1 OHM TO 5 OHM 0.5%
 5 OHMS TO 20 OHMS 0.1%
 20 OHMS & ABOVE .1%
 STABILITY STORAGE : MAX DELTA R OF ±(.02% + .001Ω) PER YEAR
 1/2 POWER 60°C : MAX DELTA R OF ±(.05% + .001Ω) PER YEAR

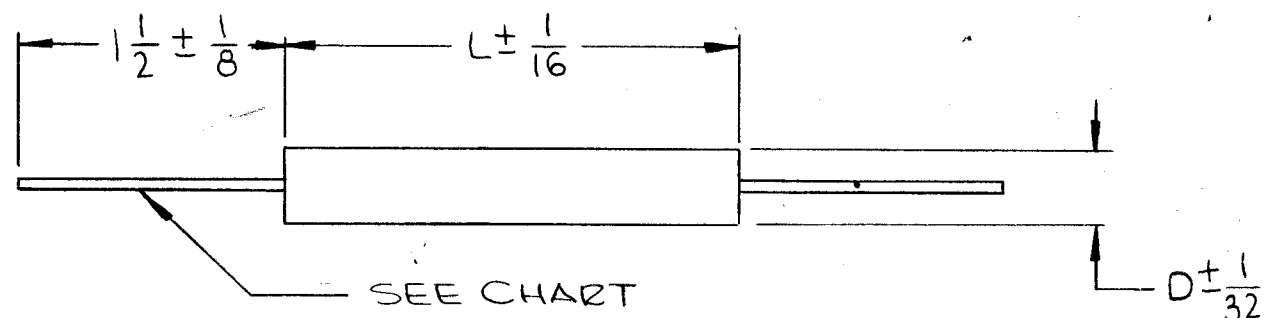
COPPER WELD TERMINALS WITH WELDED INTERNAL CONNECTIONS

RESISTANCE:

TOTAL RESISTANCE IN OHMS IS INDICATED BY A 5 DIGIT NUMBER. THE FIRST FOUR DIGITS REPRESENT THE SIGNIFICANT FIGURES. THE LAST DIGIT SPECIFIES THE NUMBER OF ZEROS TO FOLLOW. WHEN THE VALUE IS LESS THAN 1000 OHMS OR WHEN FRACTIONAL VALUES OF AN OHM ARE REQUIRED THE LETTER "R" IS SUBSTITUTED FOR A SIGNIFICANT FIGURE TO REPRESENT THE DECIMAL POINT.

EXAMPLE:

0.1 TO 0.988 Ω	=	R1000 TO R9880
1.0 TO 9.88 Ω	=	1R000 TO 9R880
10 TO 98.8 Ω	=	10R00 TO 98R80
100 TO 988 Ω	=	100R0 TO 988R0
1000 TO 9880 Ω	=	10000 TO 98800
10000 TO 98800 Ω	=	10001 TO 98801



TMC PART/NO WILL BE IN THE FOLLOWING FORM

RB101 R66-R1200 F

BASIC DWG/NO POWER IN WATTS RESISTANCE (5 DIGITS) TOLERANCE

"R" DENOTES DECIMAL PT. (SEE CHART)
SEE RESISTANCE SPECS

TLAA-2.5K		
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	S401-438

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
FINISH		TITLE RESISTOR, WIRE WOUND PRECISION		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN <i>WJW</i> DATE 10.13.66 CHECKED <i>FZ</i> DATE 10/29/66 ELECT. DES. <i>SC</i> DATE 10/28/66 MECH. DES. DATE	FINAL APPROVAL <i>[Signature]</i> DATE 11/10/66 RB101 Ø	
DECIMALS .X ± .05 TOLERANCES FRACTIONS ± 1/64 .XX ± .01 ANGLES ± 0° 30' .XXX ± .005		SHEET		REV. LTR.

NOTES

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