

RW 118 B

RESISTANCE CHARTS

TMC RESIST. CODE	NOMINAL RESIST. OHMS	MAX. AMPS.
2R0	2.0	8.366
2R2	2.2	7.943
2R5	2.5	7.483
2R8	2.8	7.071
3R1	3.1	6.715
3R5	3.5	6.324
4R0	4.0	5.916
4R5	4.5	5.576
5R0	5.0	5.291
5R6	5.6	5.000
6R3	6.3	4.711
7R1	7.1	4.438
8R0	8.0	4.123
9R0	9.0	3.937
100	10	3.741
110	11	3.563
120	12	3.405
140	14	3.162
160	16	2.949
180	18	2.774
200	20	2.645
220	22	2.509
250	25	2.366
280	28	2.236

TMC RESIST. CODE	NOMINAL RESIST. OHMS	MAX. AMPS.
310	31	2.123
350	35	2.000
400	40	1.870
450	45	1.763
500	50	1.673
560	56	1.581
630	63	1.489
710	71	1.403
800	80	1.322
900	90	1.244
101	100	1.183
111	110	1.126
121	120	1.077
141	140	1.000

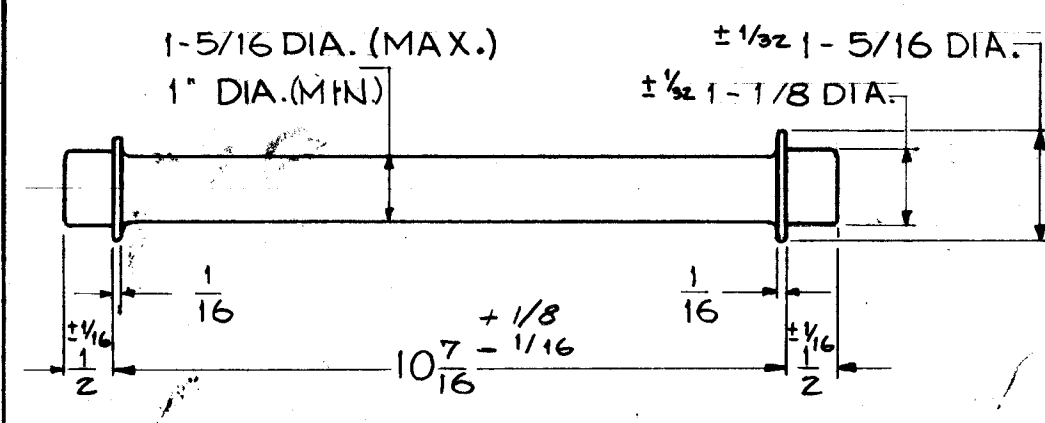
TMC RESIST.	NOMINAL RESIST.	MAX. MILLIAMPS
161	160	934
181	180	881
201	200	837
221	220	794
251	250	748
281	280	707
311	310	671
351	350	632
401	400	592
451	450	558
501	500	529
561	560	500
631	630	471
711	710	444
801	800	418
901	900	394
102	1,000	374
112	1,100	356
122	1,200	341

TMC RESIST. CODE	NOMINAL RESIST. OHMS	MAX. MILLIAMPS
142	1,400	316
162	1,600	295
182	1,800	278
202	2,000	265
222	2,200	251
252	2,500	236
282	2,800	224
312	3,100	212
352	3,500	200
402	4,000	187
452	4,500	176
502	5,000	167
562	5,600	158
632	6,300	149
712	7,100	140
802	8,000	132
903	9,000	124
103	10,000	118
113	11,000	113
123	12,000	108
143	14,000	100
163	16,000	93
183	18,000	88
203	20,000	84
223	22,000	80
253	25,000	75
283	28,000	71
313	31,000	67
353	35,000	63
403	40,000	59
453	45,000	56
503	50,000	53
563	56,000	50
633	63,000	47
713	71,000	44

TMC RESIST. CODE	NOMINAL RESIST. OHMS	MAX. MILLIAMPS	TMC RESIST. CODE	NOMINAL RESIST. CODE	MAX. MILLIAMPS
803	80,000	42	124	120,000	34
903	90,000	39	144	140,000	32
104	100,000	37	164	160,000	29
114	110,000	36			

CHARACTERISTICS CHART

SYMBOL	MAXIMUM CONTINUOUS OPER. TEMP.	MOISTURE RESISTANCE
F	275° C	Resistant to salt water immersion after thermal shock in water.
G	275° C	Resistant to moisture after thermal shock in air



RW 118 F-2R5

BASIC TMC PART NO. TEMP CHAR. (SEE CHART) TMC RESIST. CODE (SEE CHART)

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B		TOL. ON 10 7/16 WAS ± 1/16	11/8/65	1512			
A	1	3R0 ADDED	3-3-60	1889			

TOLERANCES: DEC. DIM. ±, FRAC. DIM. ±, ANGULAR DIM. ±

SCALE: 5401-49 (RW-10)

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
	GPT-40K			5-20-59

USED ON

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK	
		RESISTOR, FIXED, WIREWOUND ~ 140 WATTS	
		J.C. BIELE	
		DRAWN	
		MECH. DES. APP.	
		ELEC. DES. APP.	
		FINAL APPROVAL	
		RW 118	