

Data sheet

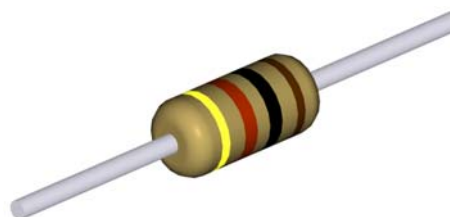
Carbon Film Leaded Resistor - RS Series

■Features

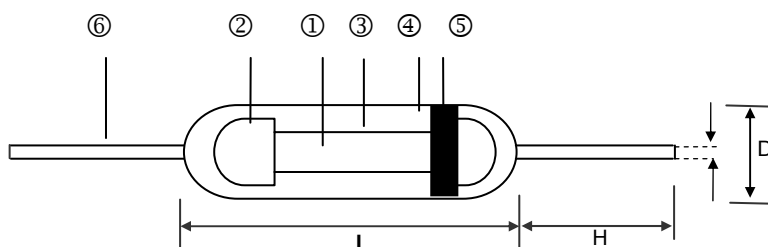
- The most economic industrial investment
- Standard tolerance: +/-5%
- Excellent long term stability
- Termination: Standard solder-plated copper lead

■Applications

- Automotive
- Telecommunication
- Medical Equipment



■Construction



①	Ceramic Rod	④	Non-flame Paint With Sol Vent-proof
②	Tinned Iron Caps	⑤	Colour Code
③	Carbon Film	⑥	Lead Wire

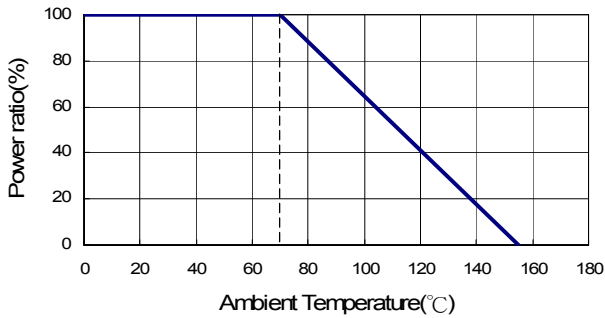
■Dimensions

Unit: mm

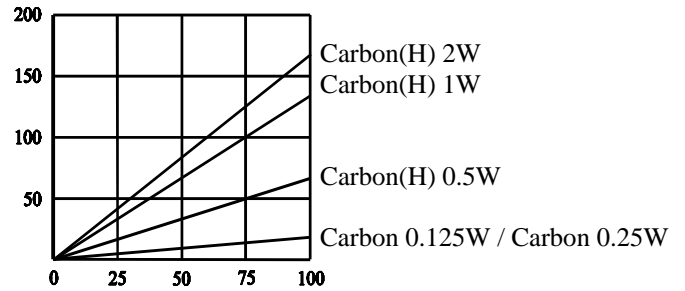
Type	L	D	H	d	Weight (g) (1000pcs)
Carbon 0.125W	3.3+0.4/-0.2	1.8±0.3	29.3±2.0	0.452.3±0.03	92
Carbon 0.25W	6.3±0.5	2.3±0.3	28±2.0	0.55±0.03	155
Carbon 0.5W (H)	6.3±0.5	2.3±0.3	28±2.0	0.55±0.03	155
Carbon 1W (H)	9.0±0.5	3.2±0.5	26±2.0	0.65±0.03	352
Carbon 2W (H)	11.5±1.0	4.5±0.5	35±2.0	0.78±0.03	775



■Derating Curve



■Hop-Spot Temperature



■Part Numbering

RS-	Carbon-	1R-	5%-	0.125W
Series	Type	Resistance	Tolerance	Power rating @ 70°C
	Carbon Carbon(H)	0.5R: 0.5 Ω 1R: 1Ω 10R: 10Ω 10K: 10KΩ 100K: 100KΩ	±5%	0.125W 0.25W 0.5W 1W 2W

■Electrical Specifications

Type \ Item	Power Rating at 70°C	Operating Temp. Range	Max. Working Voltage	Max. Overload Voltage	Dielectric Withstanding Voltage	Resistance Range
						±5%
Carbon	0.125W	-55 ~ +155°C	150V	300V	300V	0.1Ω - 22MΩ
Carbon	0.25W		250V	500V	500V	1Ω - 10MΩ
Carbon(H)	0.5W		300V	500V	500V	0.1Ω - 22MΩ
Carbon(H)	1W		400V	800V	800V	1Ω - 10MΩ
Carbon(H)	2W		500V	1000V	1000V	0.1Ω - 10MΩ



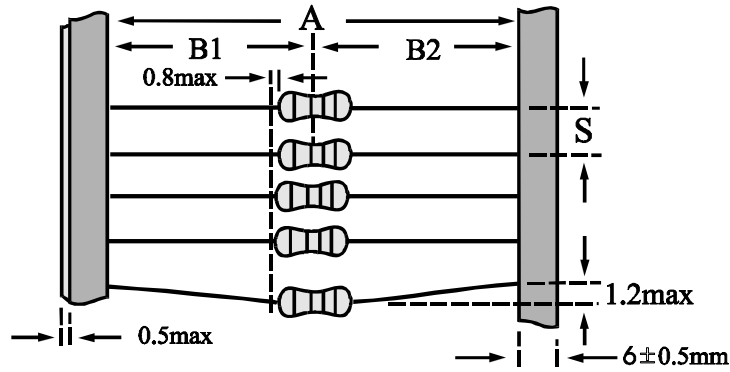
■ Environmental Characteristics

Item	Requirement	Test Method
Short Time Overload	$\pm(0.75\%+0.05\Omega)$	JIS-C-5201-1 5.5 RCWV*2.5 or Max. overload voltage for 5 seconds
Insulation Resistance	$>1000M\Omega$	JIS-C-5201-1 5.6 Apply $100V_{DC}$ for 1 minute
Endurance	$\pm(3\%+0.05\Omega)$	JIS-C-5201-1 7.10 $70\pm 2^{\circ}C$, Max. working voltage for 1000 hrs with 1.5 hrs "ON" and 0.5 hrs "OFF"
Damp Heat with Load	<input type="checkbox"/> $100K\Omega\pm 3\%$ <input type="checkbox"/> $100K\Omega\pm 5\%$	JIS-C-5201-1 7.9 $40\pm 2^{\circ}C$, 90~95% R.H. Max. working voltage for 1000 hrs with 1.5 hrs "ON" and 0.5 hrs "OFF"
Solderability	90% min. Coverage	JIS-C-5201-1 6.5 $245\pm 5^{\circ}C$ for 3 seconds
Dielectric Withstanding Voltage	By Type	JIS-C-5201-1 5.7 Apply Max. Overload Voltage for 1 minute
Temperature Coefficient	$< 100K\Omega +350ppm\sim -500ppm$ $100K\Omega\sim 1M\Omega -0ppm\sim -700ppm$ $> 1 M\Omega -0ppm\sim -1500ppm$	Resistance value at room temperature and room Temperature+ $100^{\circ}C$
Pulse Overload	$\pm(1\%+0.05\Omega)$	JIS-C-5201-1 5.8 4 times RCWV for 10000 cycles with 1 second "ON" and 25 seconds "OFF"
Resistance To Solvent	No deterioration of coatings and markings	JIS-C-5201-1 6.9 Trichroethane for 1 min. with ultrasonic
Terminal Strength	Tensile: $\square 2.5$ kg	Direct Load for 10 seconds In the direction off the terminal leads

■ Rated Continuous Working Voltage(RCWV) = $\sqrt{P \cdot R}$ ■ Storage Temperature: $25\pm 3^{\circ}C$; Humidity < 80%RH

■Taping/Packing Specifications

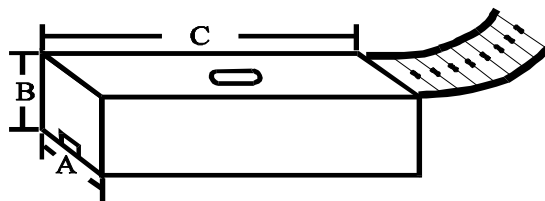
Packing Methods (Ammo)



Unit: mm

Packaging Type	Packing Methods		
	A	B1-B2	S
Carbon 0.125W	52+1/-0	1.2	5
Carbon 0.25W	52+1/-0	1.2	5
Carbon 0.5W (H)	52+1/-0	1.2	5
Carbon 1W (H)	52+1/-0	1.5	5
Carbon 2W (H)	52+1/-0	1.5	10

Ammo Packing

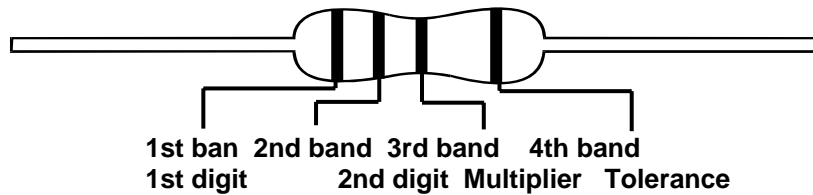


Unit: mm

Packaging Type	Packing Methods			Ammo Packing			
	A	B1-B2	S	A	B	C	Qty
Carbon 0.125W	26+1/-0	1.0	5	80	105	264	5,000
Carbon 0.25W	26+1/-0	1.0	5	80	105	264	5,000
Carbon 0.5W (H)	26+1/-0	1.0	5	80	105	264	5,000
Carbon 1W (H)	73+1/-0	1.5	5	103	82	265	1,000
Carbon 2W (H)	73+1/-0	1.5	10	103	96	265	1,000



■ Marking & Resistance Tolerance



±5%	E-24	1.0	1.1	1.2	1.3	1.5	1.6	1.8	2.0	2.2	2.4	2.7	3.0	3.3	3.6	3.9	4.3	4.7	5.1	5.6	6.2	6.8	7.5	8.2	9.1
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Color	Digit	Multiplier	Tolerance	
Without	-	-	-	-
Silver	-	10^{-2}	-	-
Gold	-	10^{-1}	±5.0%	J
Black	0	10^0	-	-
Brown	1	10^1	-	-
Red	2	10^2	-	-
Orange	3	10^3	-	-
Yellow	4	10^4	-	-
Green	5	10^5	-	-
Blue	6	10^6	-	-
Violet	7	10^7	-	-
Grey	8	10^8	-	-
White	9	10^9	-	-

**RS Stock number reference table****RS Carbon Film 0.25W Standard Power Rating Series**

Part Number	RS Stock Number
RS-Carbon-1R-5%-0.25W	707-7420
RS-Carbon-1R1-5%-0.25W	707-7439
RS-Carbon-1R2-5%-0.25W	707-7432
RS-Carbon-1R3-5%-0.25W	707-7436
RS-Carbon-1R5-5%-0.25W	707-7445
RS-Carbon-1R6-5%-0.25W	707-7448
RS-Carbon-1R8-5%-0.25W	707-7442
RS-Carbon-2R-5%-0.25W	707-7451
RS-Carbon-2R2-5%-0.25W	707-7454
RS-Carbon-2R4-5%-0.25W	707-7458
RS-Carbon-2R7-5%-0.25W	707-7467
RS-Carbon-3R-5%-0.25W	707-7460
RS-Carbon-3R3-5%-0.25W	707-7464
RS-Carbon-3R6-5%-0.25W	707-7473
RS-Carbon-3R9-5%-0.25W	707-7476
RS-Carbon-4R3-5%-0.25W	707-7470
RS-Carbon-4R7-5%-0.25W	707-7489
RS-Carbon-5R1-5%-0.25W	707-7482
RS-Carbon-5R6-5%-0.25W	707-7486
RS-Carbon-6R2-5%-0.25W	707-7495
RS-Carbon-6R8-5%-0.25W	707-7498
RS-Carbon-7R5-5%-0.25W	707-7492
RS-Carbon-8R2-5%-0.25W	707-7502
RS-Carbon-9R1-5%-0.25W	707-7505
RS-Carbon-10R-5%-0.25W	707-7509
RS-Carbon-11R-5%-0.25W	707-7518
RS-Carbon-12R-5%-0.25W	707-7511
RS-Carbon-13R-5%-0.25W	707-7515
RS-Carbon-15R-5%-0.25W	707-7524
RS-Carbon-16R-5%-0.25W	707-7527
RS-Carbon-18R-5%-0.25W	707-7521
RS-Carbon-20R-5%-0.25W	707-7530
RS-Carbon-22R-5%-0.25W	707-7533
RS-Carbon-24R-5%-0.25W	707-7537
RS-Carbon-27R-5%-0.25W	707-7546
RS-Carbon-30R-5%-0.25W	707-7549
RS-Carbon-33R-5%-0.25W	707-7543
RS-Carbon-36R-5%-0.25W	707-7552
RS-Carbon-39R-5%-0.25W	707-7555
RS-Carbon-43R-5%-0.25W	707-7559
RS-Carbon-47R-5%-0.25W	707-7568
RS-Carbon-51R-5%-0.25W	707-7561
RS-Carbon-56R-5%-0.25W	707-7565
RS-Carbon-62R-5%-0.25W	707-7574
RS-Carbon-68R-5%-0.25W	707-7577
RS-Carbon-75R-5%-0.25W	707-7571
RS-Carbon-82R-5%-0.25W	707-7580
RS-Carbon-91R-5%-0.25W	707-7583
RS-Carbon-100R-5%-0.25W	707-7587
RS-Carbon-110R-5%-0.25W	707-7596
RS-Carbon-120R-5%-0.25W	707-7599

**RS Carbon Film 0.25W Standard Power Rating Series continued**

Part Number	RS Stock Number
RS-Carbon-130R-5%-0.25W	707-7593
RS-Carbon-150R-5%-0.25W	707-7603
RS-Carbon-160R-5%-0.25W	707-7606
RS-Carbon-180R-5%-0.25W	707-7600
RS-Carbon-200R-5%-0.25W	707-7619
RS-Carbon-220R-5%-0.25W	707-7612
RS-Carbon-240R-5%-0.25W	707-7616
RS-Carbon-270R-5%-0.25W	707-7625
RS-Carbon-300R-5%-0.25W	707-7628
RS-Carbon-330R-5%-0.25W	707-7622
RS-Carbon-360R-5%-0.25W	707-7631
RS-Carbon-390R-5%-0.25W	707-7634
RS-Carbon-430R-5%-0.25W	707-7638
RS-Carbon-470R-5%-0.25W	707-7647
RS-Carbon-510R-5%-0.25W	707-7640
RS-Carbon-560R-5%-0.25W	707-7644
RS-Carbon-620R-5%-0.25W	707-7653
RS-Carbon-680R-5%-0.25W	707-7656
RS-Carbon-750R-5%-0.25W	707-7650
RS-Carbon-820R-5%-0.25W	707-7669
RS-Carbon-910R-5%-0.25W	707-7662
RS-Carbon-1k-5%-0.25W	707-7666
RS-Carbon-1k1-5%-0.25W	707-7675
RS-Carbon-1k2-5%-0.25W	707-7678
RS-Carbon-1k3-5%-0.25W	707-7672
RS-Carbon-1k5-5%-0.25W	707-7681
RS-Carbon-1k6-5%-0.25W	707-7684
RS-Carbon-1k8-5%-0.25W	707-7688
RS-Carbon-2k-5%-0.25W	707-7697
RS-Carbon-2k2-5%-0.25W	707-7690
RS-Carbon-2k4-5%-0.25W	707-7694
RS-Carbon-2k7-5%-0.25W	707-7704
RS-Carbon-3k-5%-0.25W	707-7707
RS-Carbon-3k3-5%-0.25W	707-7701
RS-Carbon-3k6-5%-0.25W	707-7710
RS-Carbon-3k9-5%-0.25W	707-7713
RS-Carbon-4k3-5%-0.25W	707-7717
RS-Carbon-4k7-5%-0.25W	707-7726
RS-Carbon-5k1-5%-0.25W	707-7729
RS-Carbon-5k6-5%-0.25W	707-7723
RS-Carbon-6k2-5%-0.25W	707-7732
RS-Carbon-6k8-5%-0.25W	707-7735
RS-Carbon-7k5-5%-0.25W	707-7739
RS-Carbon-8k2-5%-0.25W	707-7748
RS-Carbon-9k1-5%-0.25W	707-7741
RS-Carbon-10k-5%-0.25W	707-7745
RS-Carbon-11k-5%-0.25W	707-7754
RS-Carbon-12k-5%-0.25W	707-7757
RS-Carbon-13k-5%-0.25W	707-7751
RS-Carbon-15k-5%-0.25W	707-7760
RS-Carbon-16k-5%-0.25W	707-7763
RS-Carbon-18k-5%-0.25W	707-7767
RS-Carbon-20k-5%-0.25W	707-7776
RS-Carbon-22k-5%-0.25W	707-7779

**RS Carbon Film 0.25W Standard Power Rating Series continued**

Part Number	RS Stock Number
RS-Carbon-24k-5%-0.25W	707-7773
RS-Carbon-27k-5%-0.25W	707-7782
RS-Carbon-30k-5%-0.25W	707-7785
RS-Carbon-33k-5%-0.25W	707-7789
RS-Carbon-36k-5%-0.25W	707-7798
RS-Carbon-39k-5%-0.25W	707-7791
RS-Carbon-43k-5%-0.25W	707-7795
RS-Carbon-47k-5%-0.25W	707-7805
RS-Carbon-51k-5%-0.25W	707-7808
RS-Carbon-56k-5%-0.25W	707-7802
RS-Carbon-62k-5%-0.25W	707-7811
RS-Carbon-68k-5%-0.25W	707-7814
RS-Carbon-75k-5%-0.25W	707-7818
RS-Carbon-82k-5%-0.25W	707-7827
RS-Carbon-91k-5%-0.25W	707-7820
RS-Carbon-100k-5%-0.25W	707-7824
RS-Carbon-110k-5%-0.25W	707-7833
RS-Carbon-120k-5%-0.25W	707-7836
RS-Carbon-130k-5%-0.25W	707-7830
RS-Carbon-150k-5%-0.25W	707-7849
RS-Carbon-160k-5%-0.25W	707-7842
RS-Carbon-180k-5%-0.25W	707-7846
RS-Carbon-200k-5%-0.25W	707-7855
RS-Carbon-220k-5%-0.25W	707-7858
RS-Carbon-240k-5%-0.25W	707-7852
RS-Carbon-270k-5%-0.25W	707-7861
RS-Carbon-300k-5%-0.25W	707-7864
RS-Carbon-330k-5%-0.25W	707-7868
RS-Carbon-360k-5%-0.25W	707-7877
RS-Carbon-390k-5%-0.25W	707-7870
RS-Carbon-430k-5%-0.25W	707-7874
RS-Carbon-470k-5%-0.25W	707-7883
RS-Carbon-510k-5%-0.25W	707-7886
RS-Carbon-560k-5%-0.25W	707-7880
RS-Carbon-620k-5%-0.25W	707-7899
RS-Carbon-680k-5%-0.25W	707-7892
RS-Carbon-750k-5%-0.25W	707-7896
RS-Carbon-820k-5%-0.25W	707-7906
RS-Carbon-910k-5%-0.25W	707-7909
RS-Carbon-1M-5%-0.25W	707-7903
RS-Carbon-1M1-5%-0.25W	707-7912
RS-Carbon-1M2-5%-0.25W	707-7915
RS-Carbon-1M3-5%-0.25W	707-7919
RS-Carbon-1M5-5%-0.25W	707-7928
RS-Carbon-1M6-5%-0.25W	707-7921
RS-Carbon-1M8-5%-0.25W	707-7925
RS-Carbon-2M-5%-0.25W	707-7934
RS-Carbon-2M2-5%-0.25W	707-7937
RS-Carbon-2M4-5%-0.25W	707-7931
RS-Carbon-2M7-5%-0.25W	707-7940
RS-Carbon-3M-5%-0.25W	707-7943
RS-Carbon-3M3-5%-0.25W	707-7947
RS-Carbon-3M6-5%-0.25W	707-7956
RS-Carbon-3M9-5%-0.25W	707-7959

**RS Carbon Film 0.25W Standard Power Rating Series continued**

Part Number	RS Stock Number
RS-Carbon-4M3-5%-0.25W	707-7953
RS-Carbon-4M7-5%-0.25W	707-7962
RS-Carbon-5M1-5%-0.25W	707-7965
RS-Carbon-5M6-5%-0.25W	707-7969
RS-Carbon-6M2-5%-0.25W	707-7978
RS-Carbon-6M8-5%-0.25W	707-7971
RS-Carbon-7M5-5%-0.25W	707-7975
RS-Carbon-8M2-5%-0.25W	707-7984
RS-Carbon-9M1-5%-0.25W	707-7987

RS Carbon Film 0.5W High Power Rating Series

Part Number	RS Stock Number
RS-Carbon-1R-5%-0.5W	707-7981
RS-Carbon-1R1-5%-0.5W	707-7990
RS-Carbon-1R2-5%-0.5W	707-7993
RS-Carbon-1R3-5%-0.5W	707-7997
RS-Carbon-1R5-5%-0.5W	707-8000
RS-Carbon-1R6-5%-0.5W	707-8003
RS-Carbon-1R8-5%-0.5W	707-8007
RS-Carbon-2R-5%-0.5W	707-8016
RS-Carbon-2R2-5%-0.5W	707-8019
RS-Carbon-2R4-5%-0.5W	707-8013
RS-Carbon-2R7-5%-0.5W	707-8022
RS-Carbon-3R-5%-0.5W	707-8025
RS-Carbon-3R3-5%-0.5W	707-8029
RS-Carbon-3R6-5%-0.5W	707-8038
RS-Carbon-3R9-5%-0.5W	707-8031
RS-Carbon-4R3-5%-0.5W	707-8035
RS-Carbon-4R7-5%-0.5W	707-8044
RS-Carbon-5R1-5%-0.5W	707-8047
RS-Carbon-5R6-5%-0.5W	707-8041
RS-Carbon-6R2-5%-0.5W	707-8050
RS-Carbon-6R8-5%-0.5W	707-8053
RS-Carbon-7R5-5%-0.5W	707-8057
RS-Carbon-8R2-5%-0.5W	707-8066
RS-Carbon-9R1-5%-0.5W	707-8069
RS-Carbon-10R-5%-0.5W	707-8063
RS-Carbon-11R-5%-0.5W	707-8072
RS-Carbon-12R-5%-0.5W	707-8075
RS-Carbon-13R-5%-0.5W	707-8079
RS-Carbon-15R-5%-0.5W	707-8088
RS-Carbon-16R-5%-0.5W	707-8081
RS-Carbon-18R-5%-0.5W	707-8085
RS-Carbon-20R-5%-0.5W	707-8094
RS-Carbon-22R-5%-0.5W	707-8097
RS-Carbon-24R-5%-0.5W	707-8091
RS-Carbon-27R-5%-0.5W	707-8101
RS-Carbon-30R-5%-0.5W	707-8104
RS-Carbon-33R-5%-0.5W	707-8108
RS-Carbon-36R-5%-0.5W	707-8117
RS-Carbon-39R-5%-0.5W	707-8110
RS-Carbon-43R-5%-0.5W	707-8114

**RS Carbon Film 0.5W High Power Rating Series continued**

Part Number	RS Stock Number
RS-Carbon-47R-5%-0.5W	707-8123
RS-Carbon-51R-5%-0.5W	707-8126
RS-Carbon-56R-5%-0.5W	707-8120
RS-Carbon-62R-5%-0.5W	707-8139
RS-Carbon-68R-5%-0.5W	707-8132
RS-Carbon-75R-5%-0.5W	707-8136
RS-Carbon-82R-5%-0.5W	707-8145
RS-Carbon-91R-5%-0.5W	707-8148
RS-Carbon-100R-5%-0.5W	707-8142
RS-Carbon-110R-5%-0.5W	707-8151
RS-Carbon-120R-5%-0.5W	707-8154
RS-Carbon-130R-5%-0.5W	707-8158
RS-Carbon-150R-5%-0.5W	707-8167
RS-Carbon-160R-5%-0.5W	707-8160
RS-Carbon-180R-5%-0.5W	707-8164
RS-Carbon-200R-5%-0.5W	707-8173
RS-Carbon-220R-5%-0.5W	707-8176
RS-Carbon-240R-5%-0.5W	707-8170
RS-Carbon-270R-5%-0.5W	707-8189
RS-Carbon-300R-5%-0.5W	707-8182
RS-Carbon-330R-5%-0.5W	707-8186
RS-Carbon-360R-5%-0.5W	707-8195
RS-Carbon-390R-5%-0.5W	707-8198
RS-Carbon-430R-5%-0.5W	707-8192
RS-Carbon-470R-5%-0.5W	707-8202
RS-Carbon-510R-5%-0.5W	707-8205
RS-Carbon-560R-5%-0.5W	707-8209
RS-Carbon-620R-5%-0.5W	707-8218
RS-Carbon-680R-5%-0.5W	707-8211
RS-Carbon-750R-5%-0.5W	707-8215
RS-Carbon-820R-5%-0.5W	707-8224
RS-Carbon-910R-5%-0.5W	707-8227
RS-Carbon-1k-5%-0.5W	707-8221
RS-Carbon-1k1-5%-0.5W	707-8230
RS-Carbon-1k2-5%-0.5W	707-8233
RS-Carbon-1k3-5%-0.5W	707-8237
RS-Carbon-1k5-5%-0.5W	707-8246
RS-Carbon-1k6-5%-0.5W	707-8249
RS-Carbon-1k8-5%-0.5W	707-8243
RS-Carbon-2k-5%-0.5W	707-8252
RS-Carbon-2k2-5%-0.5W	707-8255
RS-Carbon-2k4-5%-0.5W	707-8259
RS-Carbon-2k7-5%-0.5W	707-8268
RS-Carbon-3k-5%-0.5W	707-8261
RS-Carbon-3k3-5%-0.5W	707-8265
RS-Carbon-3k6-5%-0.5W	707-8274
RS-Carbon-3k9-5%-0.5W	707-8277
RS-Carbon-4k3-5%-0.5W	707-8271
RS-Carbon-4k7-5%-0.5W	707-8280
RS-Carbon-5k1-5%-0.5W	707-8283
RS-Carbon-5k6-5%-0.5W	707-8287
RS-Carbon-6k2-5%-0.5W	707-8296
RS-Carbon-6k8-5%-0.5W	707-8299
RS-Carbon-7k5-5%-0.5W	707-8293

**RS Carbon Film 0.5W High Power Rating Series continued**

Part Number	RS Stock Number
RS-Carbon-8k2-5%-0.5W	707-8303
RS-Carbon-9k1-5%-0.5W	707-8306
RS-Carbon-10k-5%-0.5W	707-8300
RS-Carbon-11k-5%-0.5W	707-8319
RS-Carbon-12k-5%-0.5W	707-8312
RS-Carbon-13k-5%-0.5W	707-8316
RS-Carbon-15k-5%-0.5W	707-8325
RS-Carbon-16k-5%-0.5W	707-8328
RS-Carbon-18k-5%-0.5W	707-8322
RS-Carbon-20k-5%-0.5W	707-8331
RS-Carbon-22k-5%-0.5W	707-8334
RS-Carbon-24k-5%-0.5W	707-8338
RS-Carbon-27k-5%-0.5W	707-8347
RS-Carbon-30k-5%-0.5W	707-8340
RS-Carbon-33k-5%-0.5W	707-8344
RS-Carbon-36k-5%-0.5W	707-8353
RS-Carbon-39k-5%-0.5W	707-8356
RS-Carbon-43k-5%-0.5W	707-8350
RS-Carbon-47k-5%-0.5W	707-8369
RS-Carbon-51k-5%-0.5W	707-8362
RS-Carbon-56k-5%-0.5W	707-8366
RS-Carbon-62k-5%-0.5W	707-8375
RS-Carbon-68k-5%-0.5W	707-8378
RS-Carbon-75k-5%-0.5W	707-8372
RS-Carbon-82k-5%-0.5W	7078-381
RS-Carbon-91k-5%-0.5W	707-8384
RS-Carbon-100k-5%-0.5W	707-8388
RS-Carbon-110k-5%-0.5W	707-8397
RS-Carbon-120k-5%-0.5W	707-8390
RS-Carbon-130k-5%-0.5W	707-8394
RS-Carbon-150k-5%-0.5W	707-8404
RS-Carbon-160k-5%-0.5W	707-8407
RS-Carbon-180k-5%-0.5W	707-8401
RS-Carbon-200k-5%-0.5W	707-8410
RS-Carbon-220k-5%-0.5W	707-8413
RS-Carbon-240k-5%-0.5W	707-8417
RS-Carbon-270k-5%-0.5W	707-8426
RS-Carbon-300k-5%-0.5W	707-8429
RS-Carbon-330k-5%-0.5W	707-8423
RS-Carbon-360k-5%-0.5W	707-8432
RS-Carbon-390k-5%-0.5W	707-8435
RS-Carbon-430k-5%-0.5W	707-8439
RS-Carbon-470k-5%-0.5W	707-8448
RS-Carbon-510k-5%-0.5W	707-8441
RS-Carbon-560k-5%-0.5W	707-8445
RS-Carbon-620k-5%-0.5W	707-8454
RS-Carbon-680k-5%-0.5W	707-8457
RS-Carbon-750k-5%-0.5W	707-8451
RS-Carbon-820k-5%-0.5W	707-8460
RS-Carbon-910k-5%-0.5W	707-8463
RS-Carbon-1M-5%-0.5W	707-8467
RS-Carbon-1M1-5%-0.5W	707-8476
RS-Carbon-1M2-5%-0.5W	707-8479
RS-Carbon-1M3-5%-0.5W	707-8473

**RS Carbon Film 0.5W High Power Rating Series continued**

Part Number	RS Stock Number
RS-Carbon-1M5-5%-0.5W	707-8482
RS-Carbon-1M6-5%-0.5W	707-8485
RS-Carbon-1M8-5%-0.5W	707-8489
RS-Carbon-2M-5%-0.5W	707-8498
RS-Carbon-2M2-5%-0.5W	707-8491
RS-Carbon-2M4-5%-0.5W	707-8495
RS-Carbon-2M7-5%-0.5W	707-8505
RS-Carbon-3M-5%-0.5W	707-8508
RS-Carbon-3M3-5%-0.5W	707-8502
RS-Carbon-3M6-5%-0.5W	707-8511
RS-Carbon-3M9-5%-0.5W	707-8514
RS-Carbon-4M3-5%-0.5W	707-8518
RS-Carbon-4M7-5%-0.5W	707-8527
RS-Carbon-5M1-5%-0.5W	707-8520
RS-Carbon-5M6-5%-0.5W	707-8524
RS-Carbon-6M2-5%-0.5W	707-8533
RS-Carbon-6M8-5%-0.5W	707-8536
RS-Carbon-7M5-5%-0.5W	707-8530
RS-Carbon-8M2-5%-0.5W	707-8549
RS-Carbon-9M1-5%-0.5W	707-8542

RS Carbon Film 1W High Power Rating Series

RS-Carbon-1R-5%-1W	707-8546
RS-Carbon-1R2-5%-1W	707-8555
RS-Carbon-1R5-5%-1W	707-8558
RS-Carbon-1R8-5%-1W	707-8552
RS-Carbon-2R2-5%-1W	707-8561
RS-Carbon-2R7-5%-1W	707-8564
RS-Carbon-3R3-5%-1W	707-8568
RS-Carbon-3R9-5%-1W	707-8577
RS-Carbon-4R7-5%-1W	707-8570
RS-Carbon-5R6-5%-1W	707-8574
RS-Carbon-6R8-5%-1W	707-8583
RS-Carbon-8R2-5%-1W	707-8586
RS-Carbon-10R-5%-1W	707-8580
RS-Carbon-12R-5%-1W	707-8599
RS-Carbon-15R-5%-1W	707-8592
RS-Carbon-18R-5%-1W	707-8596
RS-Carbon-22R-5%-1W	707-8606
RS-Carbon-27R-5%-1W	707-8609
RS-Carbon-33R-5%-1W	707-8603
RS-Carbon-39R-5%-1W	707-8612
RS-Carbon-47R-5%-1W	707-8615
RS-Carbon-56R-5%-1W	707-8619
RS-Carbon-68R-5%-1W	707-8628
RS-Carbon-82R-5%-1W	707-8621
RS-Carbon-100R-5%-1W	707-8625
RS-Carbon-120R-5%-1W	707-8634
RS-Carbon-150R-5%-1W	707-8637
RS-Carbon-180R-5%-1W	707-8631
RS-Carbon-220R-5%-1W	707-8640
RS-Carbon-270R-5%-1W	707-8643
RS-Carbon-330R-5%-1W	707-8647

**RS Carbon Film 1W High Power Rating Series continued**

Part Number	RS Stock Number
RS-Carbon-390R-5%-1W	707-8656
RS-Carbon-470R-5%-1W	707-8659
RS-Carbon-560R-5%-1W	707-8653
RS-Carbon-680R-5%-1W	707-8662
RS-Carbon-820R-5%-1W	707-8665
RS-Carbon-1k-5%-1W	707-8669
RS-Carbon-1k2-5%-1W	707-8678
RS-Carbon-1k5-5%-1W	707-8671
RS-Carbon-1k8-5%-1W	707-8675
RS-Carbon-2k2-5%-1W	707-8684
RS-Carbon-2k7-5%-1W	707-8687
RS-Carbon-3k3-5%-1W	707-8681
RS-Carbon-3k9-5%-1W	707-8690
RS-Carbon-4k7-5%-1W	707-8693
RS-Carbon-5k6-5%-1W	707-8697
RS-Carbon-6k8-5%-1W	707-8707
RS-Carbon-8k2-5%-1W	707-8700
RS-Carbon-10k-5%-1W	707-8704
RS-Carbon-12k-5%-1W	707-8713
RS-Carbon-15k-5%-1W	707-8716
RS-Carbon-18k-5%-1W	707-8710
RS-Carbon-22k-5%-1W	707-8729
RS-Carbon-27k-5%-1W	707-8722
RS-Carbon-33k-5%-1W	707-8726
RS-Carbon-39k-5%-1W	707-8735
RS-Carbon-47k-5%-1W	707-8738
RS-Carbon-56k-5%-1W	707-8732
RS-Carbon-68k-5%-1W	707-8741
RS-Carbon-82k-5%-1W	707-8744
RS-Carbon-100k-5%-1W	707-8748
RS-Carbon-120k-5%-1W	707-8757
RS-Carbon-150k-5%-1W	707-8750
RS-Carbon-180k-5%-1W	707-8754
RS-Carbon-220k-5%-1W	707-8763
RS-Carbon-270k-5%-1W	707-8766
RS-Carbon-330k-5%-1W	707-8760
RS-Carbon-390k-5%-1W	707-8779
RS-Carbon-470k-5%-1W	707-8772
RS-Carbon-560k-5%-1W	707-8776
RS-Carbon-680k-5%-1W	707-8785
RS-Carbon-820k-5%-1W	707-8788

RS Carbon Film 2W High Power Rating Series

Part Number	RS Stock Number
RS-Carbon-10R-5%-2W	707-8782
RS-Carbon-12R-5%-2W	707-8791
RS-Carbon-15R-5%-2W	707-8794
RS-Carbon-18R-5%-2W	707-8798
RS-Carbon-22R-5%-2W	707-8808
RS-Carbon-27R-5%-2W	707-8801
RS-Carbon-33R-5%-2W	707-8805
RS-Carbon-39R-5%-2W	707-8814
RS-Carbon-47R-5%-2W	707-8817

**RS Carbon Film 2W High Power Rating Series continued**

Part Number	RS Stock Number
RS-Carbon-56R-5%-2W	707-8811
RS-Carbon-68R-5%-2W	707-8820
RS-Carbon-82R-5%-2W	707-8823
RS-Carbon-100R-5%-2W	707-8827
RS-Carbon-120R-5%-2W	707-8836
RS-Carbon-150R-5%-2W	707-8839
RS-Carbon-180R-5%-2W	707-8833
RS-Carbon-220R-5%-2W	707-8842
RS-Carbon-270R-5%-2W	707-8845
RS-Carbon-330R-5%-2W	707-8849
RS-Carbon-390R-5%-2W	707-8858
RS-Carbon-470R-5%-2W	707-8851
RS-Carbon-560R-5%-2W	707-8855
RS-Carbon-680R-5%-2W	707-8864
RS-Carbon-820R-5%-2W	707-8867
RS-Carbon-1k-5%-2W	707-8861
RS-Carbon-1k2-5%-2W	707-8870
RS-Carbon-1k5-5%-2W	707-8873
RS-Carbon-1k8-5%-2W	707-8877
RS-Carbon-2k2-5%-2W	707-8886
RS-Carbon-2k7-5%-2W	707-8889
RS-Carbon-3k3-5%-2W	707-8883
RS-Carbon-3k9-5%-2W	707-8892
RS-Carbon-4k7-5%-2W	707-8895
RS-Carbon-5k6-5%-2W	707-8899
RS-Carbon-6k8-5%-2W	707-8909
RS-Carbon-8k2-5%-2W	707-8902
RS-Carbon-10k-5%-2W	707-8906
RS-Carbon-12k-5%-2W	707-8915
RS-Carbon-15k-5%-2W	707-8918
RS-Carbon-18k-5%-2W	707-8912
RS-Carbon-22k-5%-2W	707-8921
RS-Carbon-27k-5%-2W	707-8924
RS-Carbon-33k-5%-2W	707-8928
RS-Carbon-39k-5%-2W	707-8937
RS-Carbon-47k-5%-2W	707-8930
RS-Carbon-56k-5%-2W	707-8934
RS-Carbon-68k-5%-2W	707-8943
RS-Carbon-82k-5%-2W	707-8946
RS-Carbon-100k-5%-2W	707-8940
RS-Carbon-120k-5%-2W	707-8959
RS-Carbon-150k-5%-2W	707-8952
RS-Carbon-180k-5%-2W	707-8956
RS-Carbon-220k-5%-2W	707-8965
RS-Carbon-270k-5%-2W	707-8968
RS-Carbon-330k-5%-2W	707-8962
RS-Carbon-390k-5%-2W	707-8971
RS-Carbon-470k-5%-2W	707-8974
RS-Carbon-560k-5%-2W	707-8978
RS-Carbon-680k-5%-2W	707-8987
RS-Carbon-820k-5%-2W	707-8980