

RESISTORS

RD SERIES

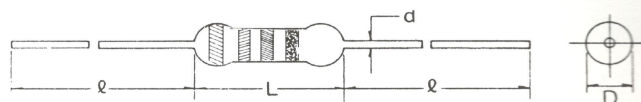
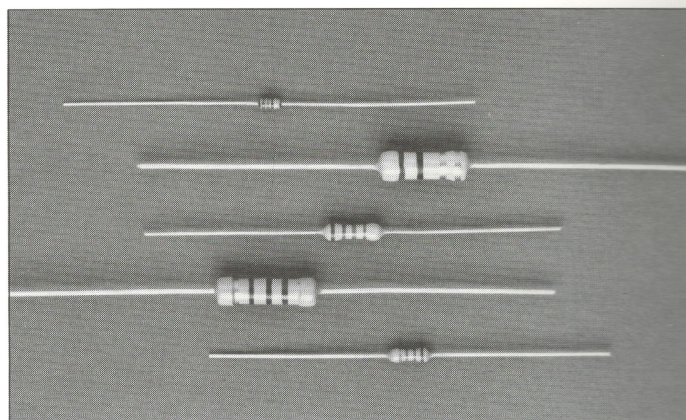
CARBON FILM

DESCRIPTION

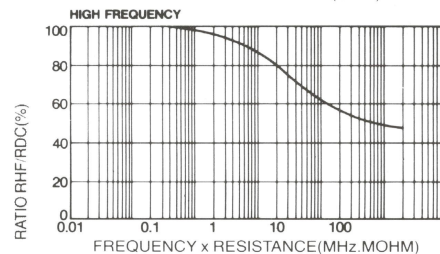
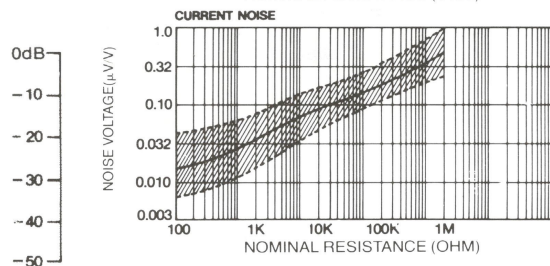
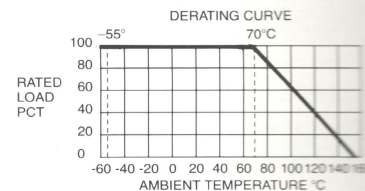
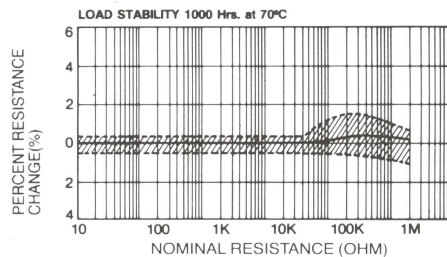
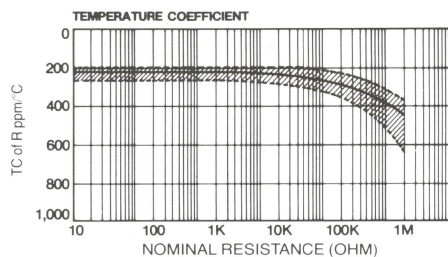
Carbon Film Resistors are the long time standard, universally popular film resistor. Years of manufacturing experience has resulted in consistent qualities, yields and uniformities. Processes include two thin coats of lacquer followed by two coats of epoxy to seal the integrity of each resistor. Precision, computer controlled lead welding machines, inline lead forming/taping equipment and tolerance sorting devices ensure the highest reliability and consistent quality.

CHARACTERISTICS

	MIL-R-22684B
Temp. Coef.	+350-1000PPM/°C
Load Life	>100K ±3%, 100K ±2%
Moisture Resistance	>100K ±5% 100K ±3%
Short-Time Overload	±1% + .05
Temp. Cycle	±.5% + .05
Solder Effect	±.5% + .05



Type	Power Rating @70°C	Max. WORKING V.	Max. OVERLOAD V.	Dimensions (mm)				Resistance Values () +0.02 -0.05 Min - Max
				L(Max)	D(Max)	l ±3	d ±.01	
RD25	.25W	250V	500V	6.8	2.5	28	0.6	1 -22Meg
SRD25	.25W	200V	400V	4.2	2.0	28	0.5	1 -10Meg
RD50	.5W	350V	700V	9.0	3.0	28	0.6	1 -22Meg
SRD50	.5W	350V	700V	6.8	2.5	28	0.6	1 -22Meg
RD100	1.0W	500V	1000V	12.0	5.0	28	0.7	1 -10Meg
RD200	2.0W	500V	1000V	16.0	5.5	31	0.8	1 -10Meg
Flame Proof Non-Flammable Epoxy Coating								
RF25	.25W	250	500	6.8	2.5	28	0.6	10 -1.5Meg
RF50	.50W	350	700	9.0	3.0	28	0.6	10 -4.7Meg
Weldable Leads1/4W Copper plated steel leads								
RD25W 28	.25W	250	500	6.8	2.5	28	0.6	1 -20Meg
RD25W 38	.25W	350	700	6.8	2.5	28	0.6	1 -20Meg
Weldable Leads1/2W Copper plated steel leads								
RD50W 28	.5W	350	700	9	3	28	0.6	1 -10Meg
RD50W 38	.5W	350	700	9	3	28	0.6	1 -10Meg



PART NO. BUILDER

RN 55 C T F 7.15K

PG#	SERIES	WATTAGE	TEMP. COEFF.	PACKAGE	TOL.	CAP. RANGE
	Fusing Resistors					
72	FR	1/4~2	Omitted	B,T	J	1Ω~5K
	Metal Glaze Resistors					
73	MG	1/4~1/2	Omitted	B,T	G	1MΩ~100MΩ
	Metal Oxide Film					
73	MOF	1/2~7	Omitted	B,T	J	.5Ω~500K
	Carbon Film					
74	RD	1/4~2	Omitted	A,AA,AP,AT,B,PT,T	J,G	.0Ω~10MΩ
74, 75	SRD	1/4~1/2	Omitted	A,AA,AP,AT,B,PT,T	J,G	.0Ω~10MΩ
	Metal Film					
77	RN	1/8~1/4	C,D,E	A,AA,AP,AT,B,PT,T	D,F	10Ω~1MΩ
	Axial Wire Wound Cement					
78	WCR	2 ~ 20	Omitted	B	J,K	.1Ω~2K
	Radial Wire Wound Cement					
79	WCRR	2~10	Omitted	B	J	.1Ω~990Ω
79	WCRM	2~10	Omitted	B	J	40Ω~50K
79	WCRN	10~20	Omitted	B	J	.1Ω~2K
79	WCRV	5~20	Omitted	B	J	.1Ω~2K
	Axial Silicone Wire Wound					
80	WRP	1~10	Omitted	B,T	G,J	.1Ω~2K
	Radial Silicone Wire Wound					
80	WRH	3~10	Omitted	B	J	.1Ω~2K

RA S A 10P 221 G

PG#	SERIES	HEIGHT	CIRCUIT	PIN COUNT	CAP. RANGE	TOL.
	Resistor Networks					
76	RA	S=5.08 mm	A=Bussed B=Isolated	4 thru 12pin 4 thru 12pin	10Ω~4.7MΩ 10Ω~4.7MΩ	F,G F,G
76	RA	L=8.00 mm	A=Bussed B=Isolated	4 thru 12pin 4 thru 12pin	10Ω~4.7MΩ 10Ω~4.7MΩ	F,G F,G

Package Codes

A = Ammo Pack
AA = Ammo Pack Avisert
AP = Ammo Pack Panasert
AT = Tape & Reel Avisert
B = Bulk
PT = Tape & Reel Panasert
T = Tape & Reel

Tolerance Codes

D = ±.5%
F = ±1% (omitted)
G = ±2%
J = ±5%
K = ±10%

Temp. Coeff. Codes

C = ±50ppm
D = ±100ppm (omitted)
E = ±200ppm