

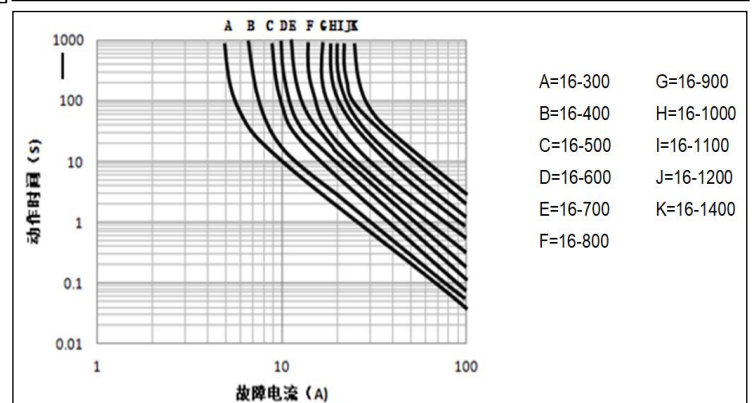
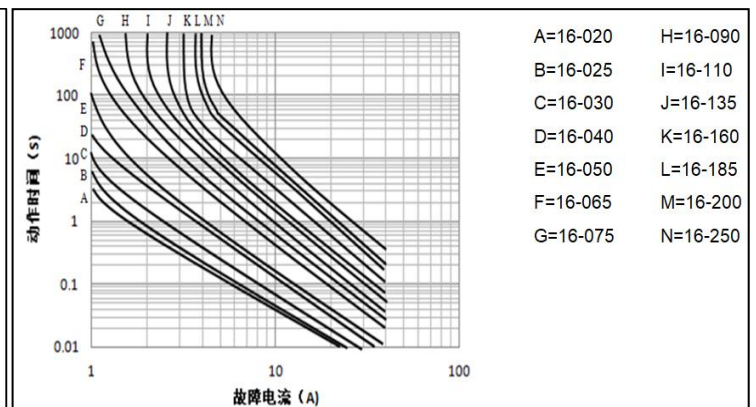
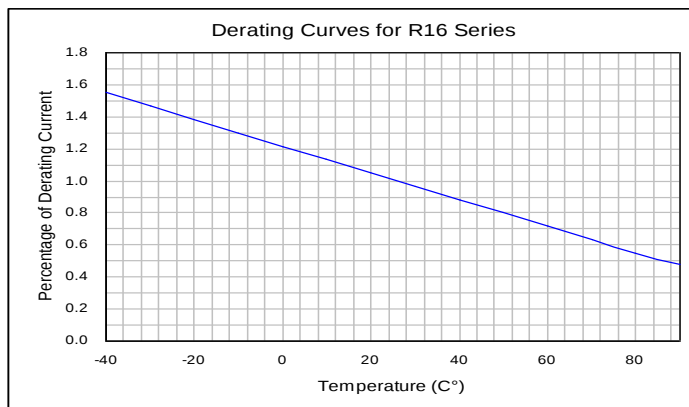
Typically used in wire harness, PC cards and video port, etc.

可用于铠装线、PC卡及视频端口等设备中

Electrical Characteristics at 25°C

25°C 电气性能

Model	Vmax (Vdc)	Imax (A)	Ihold (A)	Ittrip (A)	Pd Typ. (W)	Maximum Time To Trip		Resistance		
						Current	Time	Ri min	Ri max	R1 max
						(A)	(Sec)	(Ω)	(Ω)	(Ω)
16R020	16	40	0.20	0.4	0.3	1.5	3	0.650	1.40	2.10
16R025	16	40	0.25	0.5	0.35	1.5	4.5	0.500	0.950	1.450
16R030	16	40	0.30	0.6	0.35	1.5	6.0	0.400	0.700	1.100
16R040	16	40	0.40	0.8	0.4	2.0	6.0	0.240	0.600	0.900
16R050	16	40	0.50	1.0	0.5	2.5	6.0	0.230	0.450	0.730
16R065	16	40	0.65	1.3	0.5	4.0	4.0	0.160	0.350	0.560
16R075	16	40	0.75	1.5	0.5	4.0	4.0	0.110	0.220	0.360
16R090	16	40	0.90	1.8	0.6	4.5	3.0	0.080	0.170	0.255
16R110	16	40	1.10	2.2	0.7	5.5	5.0	0.070	0.140	0.235
16R135	16	40	1.35	2.7	0.8	7.00	6.0	0.060	0.120	0.180
16R160	16	40	1.60	3.2	0.9	8.00	8.0	0.040	0.070	0.105
16R185	16	40	1.85	3.7	1.2	9.25	10.0	0.030	0.068	0.102
16R200	16	40	2.00	4.0	1.5	10	8.0	0.025	0.060	0.090
16R250	16	40	2.50	5.0	1.5	12.5	10.0	0.025	0.055	0.075
16R300	16	100	3.00	6.0	2.3	15.0	2.0	0.0200	0.065	0.098
16R400	16	100	4.00	8.0	2.4	20.0	3.5	0.019	0.040	0.060
16R500	16	100	5.00	10.0	2.6	25.0	3.6	0.013	0.023	0.034
16R600	16	100	6.00	12.0	2.8	30.0	5.8	0.010	0.019	0.028
16R700	16	100	7.00	14.0	3.0	35.0	8.0	0.007	0.013	0.022
16R800	16	100	8.00	16.0	3.0	40.0	9.0	0.0055	0.0120	0.0180
16R900	16	100	9.00	18.0	3.3	45.0	12.0	0.0047	0.0095	0.0145
16R1000	16	100	10.00	20.0	3.5	50.0	12.5	0.0040	0.0073	0.0110
16R1100	16	100	11.00	22.00	3.7	55.0	13.5	0.0035	0.0064	0.0096
16R1200	16	100	12.00	24.00	4.2	60.0	16.0	0.0033	0.0060	0.0090
16R1400	16	100	14.00	28.00	4.6	70.0	20.0	0.0025	0.0047	0.0070



Environmental Characteristics

环境特性

Operating/Storage Temperature

-40°C to +85°C

环境/储存

Storage Note: $T_{max}=+40^{\circ}\text{C}$, $RH_{max}=70\%$. Units might not meet the nominal value if storage conditions are over limit.

注：存储条件最高温度+40°C，最大RH70%；如果超过存储条件，器件可能无法满足给定值

Maximum Device Surface Temperature

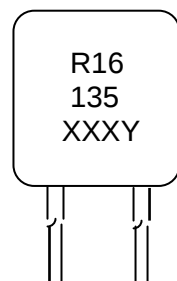
125°C

最大表面温度

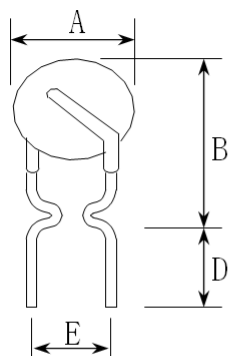
Test/测试项目	Conditions/测试条件
Passive aging 高温老化	85°C, 1000 hours
Humidity aging 恒定湿热老化	85°C, 85%RH, 1000 hours
Thermal shock 热冲击	85°C, -40°C (10 times)
Solvent proof 耐熔剂特性	MIL-STD-202, Method 215F
Insulating material 绝缘材料	Cured, flame-retardant epoxy polymer; meets UL 94v-0 固化阻燃环氧树脂, 符合 UL 94V-0

Part Numbering System:

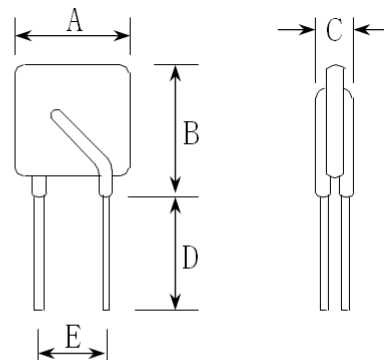
型号说明



R=Trademark
16=Radial type 16V
135=1.35A hold current
XXX=日期
Y=代码



Style 1



Style 2



Product Dimensions(mm/inch)

尺寸(毫米/英寸)

Model	Amax	Bmax	Cmax	Dmin	Etyp	Style	Lead Dia.	Lead Mat.
16R020	4.0	10.5	3	7.6	5.1	1	0.4	Sn/Cu
16R025	4.0	10.5	3	7.6	5.1	1	0.4	Sn/Cu
16R030	4.0	10.5	3	7.6	5.1	1	0.4	Sn/Cu
16R040	4.5	11.0	3	7.6	5.1	1	0.4	Sn/Cu
16R050	6.4	12.4	3	7.6	5.1	1	0.5	Sn/Cu
16R065	6.4	12.4	3	7.6	5.1	1	0.5	Sn/Cu
16R075	6.4	12.4	3	7.6	5.1	1	0.5	Sn/Cu
16R090	6.4	12.4	3	7.6	5.1	1	0.5	Sn/Cu
16R110	7.5	14.2	3	7.6	5.1	1	0.5	Sn/Cu
16R135	8.9	14.5	3	7.6	5.1	1	0.5	Sn/Cu
16R160	9.2	14.5	3	7.6	5.1	1	0.5	Sn/Cu
16R185	9.7	15.5	3	7.6	5.1	1	0.6	Sn/Cu
16R200	10.7	16.0	3	7.6	5.1	1	0.6	Sn/Cu
16R250	11.7	16.5	3	7.6	5.1	1	0.6	Sn/Cu
16R300	9.2	12.7	3	7.6	5.1	2	0.8	Sn/Cu
16R400	11.1	13.9	3	7.6	5.1	2	0.8	Sn/Cu
16R500	11.6	15.5	3	7.6	5.1	2	0.8	Sn/Cu
16R600	12.0	19.8	3	7.6	5.1	2	0.8	Sn/Cu
16R700	13.0	21.7	3	7.6	5.1	2	0.8	Sn/Cu
16R800	15.0	21.5	3	7.6	5.1	2	0.8	Sn/Cu
16R900	14.7	21.4	3	7.6	5.1	2	0.8	Sn/Cu
16R1000	17.2	25.5	3	7.6	5.1	2	0.8	Sn/Cu
16R1100	18.2	25.5	3	7.6	5.1	2	0.8	Sn/Cu
16R1200	18.2	28.5	3.6	7.6	10.2	2	0.8	Sn/Cu
16R1400	28.6	28.7	3.4	7.6	10.2	2	0.8	Sn/Cu

Thermal Derating-Ihold(Amps)

维持电流随温度衰减特性(安培)

Model	Ambient Operating Temperature								
	-40℃	-20℃	0℃	25℃	40℃	50℃	60℃	70℃	85℃
16R020	0.35	0.29	0.24	0.20	0.15	0.13	0.11	0.09	0.06
16R025	0.40	0.34	0.30	0.25	0.22	0.20	0.18	0.15	0.12
16R030	0.50	0.42	0.38	0.30	0.24	0.22	0.18	0.14	0.10
16R040	0.62	0.54	0.48	0.40	0.34	0.30	0.28	0.24	0.20
16R050	0.83	0.71	0.60	0.50	0.43	0.38	0.32	0.27	0.24
16R065	1.05	0.90	0.78	0.65	0.58	0.52	0.47	0.41	0.33
16R075	1.05	0.95	0.85	0.75	0.65	0.60	0.55	0.50	0.43
16R090	1.40	1.25	1.10	0.90	0.75	0.69	0.65	0.60	0.50
16R110	1.75	1.52	1.33	1.10	0.99	0.90	0.80	0.73	0.63
16R135	2.15	1.94	1.70	1.35	1.20	1.14	1.00	0.90	0.81
16R160	2.49	2.21	1.94	1.60	1.42	1.31	1.19	1.03	0.88
16R185	2.87	2.59	2.28	1.85	1.63	1.52	1.33	1.21	1.05
16R200	3.05	2.69	2.35	2.00	1.73	1.63	1.42	1.31	1.15
16R250	3.82	3.44	3.03	2.50	2.17	2.00	1.81	1.59	1.39
16R300	4.40	4.00	3.60	3.00	2.60	2.40	2.10	1.90	1.40
16R400	5.90	5.30	4.80	4.00	3.50	3.20	2.80	2.50	1.90
16R500	7.30	6.60	6.00	5.00	4.40	4.00	3.60	3.10	2.40
16R600	8.80	8.00	7.20	6.00	5.20	4.80	4.20	3.80	2.80
16R700	10.30	9.30	8.40	7.00	6.20	5.60	5.00	4.40	3.30
16R800	11.70	10.70	9.60	8.00	6.90	6.40	5.60	5.10	3.70
16R900	13.20	11.90	10.70	9.00	7.90	7.20	6.40	5.60	4.20
16R1000	14.70	13.30	12.00	10.00	8.70	8.00	7.00	6.30	4.70
16R1100	16.10	14.60	13.10	11.00	9.70	8.80	7.80	6.90	5.20
16R1200	17.60	16.00	14.40	12.00	10.40	9.60	8.40	7.60	5.60
16R1400	20.50	18.70	16.80	14.00	12.10	11.20	9.80	8.90	6.50