R265

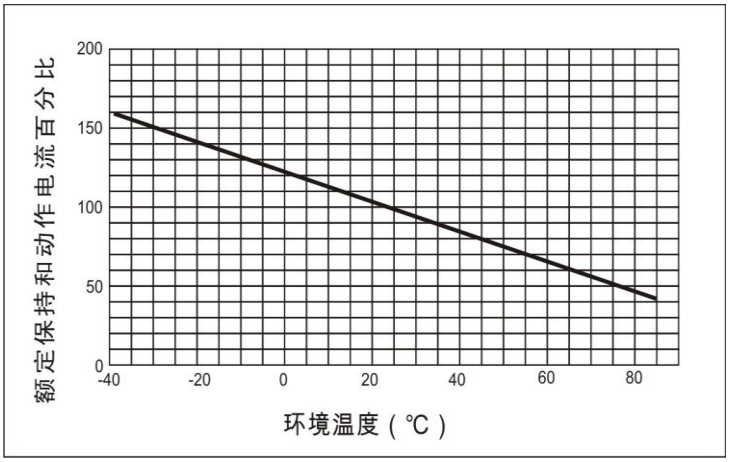
Polymer PTC Device Radial leaded resettable fuse

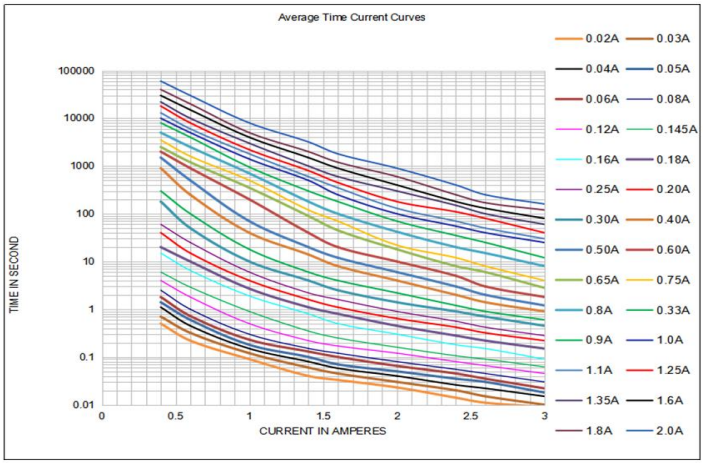
Typically used in customer premise equipment,main distribution frame,
Subscriber line interface card and exchange,etc.
可用于用户设备、主配线架、SLIC及交换机等设备中

Electrical Characteristics at 25℃

25℃ 电气性能

Model	Ihold (A)	Itrip (A)	Vmax (Vdc)	Imax (A)	Pd Typ. (W)	Maximum Time To Trip		Resistance		
						Current (A)	Time (Sec)	Rimin. (Ω)	Rimax. (Ω)	R1max (Ω)
265R020	0.02	0.04	265	1.0	0.6	0.06	25.0	60.0	150.0	200.0
265R030	0.03	0.06	265	1.0	0.6	0.09	20	35.0	90.0	120.0
265R040	0.04	0.08	265	1.0	0.7	0.20	0.12	25.0	65.0	90.0
265R050	0.05	0.10	265	1.0	0.7	0.15	15.0	22.0	55.0	75.0
265R060	0.06	0.12	265	1.2	0.8	0.18	15.0	18.0	45.0	60.0
265R080	0.08	0.16	265	1.2	0.8	0.24	15.0	11.0	22.0	33.0
265R120	0.12	0.24	265	1.2	1.0	1.0	0.75	6.0	12.0	16.0
265R145	0.145	0.29	265	3.0	1.0	1.00	1.50	4.5	9.0	14.0
265R160	0.16	0.32	265	2.0	1.4	0.48	25.0	3.5	7.8	10.4
265R180C	0.18	0.65	265	10	1.5	3.0	0.5	1.6	3.2	4.0
265R180S	0.18	0.65	265	10	1.5	3.0	0.5	1.6	3.2	4.0
265R200C	0.20	0.40	265	3.0	1.5	0.60	25.0	3.0	6.5	8.0
265R200S	0.20	0.40	265	3.0	1.5	0.60	25.0	3.0	6.5	8.0
265R250	0.25	0.50	265	3.5	1.5	0.75	20.0	2.2	5.0	6.0
265R300	0.30	0.60	265	4.5	1.7	0.90	20.0	1.8	4.0	4.8
265R330	0.33	0.66	265	4.5	1.7	0.99	20.0	1.6	3.6	4.3
265R400	0.40	0.80	265	5.5	2.0	1.20	25.0	1.35	3.00	3.6
265R500	0.50	1.0	265	6.5	2.5	1.50	25.0	0.90	2.00	2.4
265R550	0.55	1.1	265	7.0	2.5	1.65	25.0	0.80	1.65	2.0
265R600	0.60	1.2	265	6.0	2.5	1.80	25.0	0.75	1.50	1.8
265R650	0.65	1.3	265	6.5	2.6	1.95	30.0	0.65	1.30	1.6
265R750	0.75	1.5	265	7.5	2.6	2.25	30.0	0.55	1.10	1.3
265R800	0.80	1.6	265	8.0	2.7	2.40	30.0	0.50	1.00	1.2
265R900	0.90	1.8	265	9.0	2.8	2.70	35.0	0.45	0.90	1.1
265R1000C	1.00	2.0	265	10.0	2.9	3.00	35.0	0.37	0.75	0.90
265R1000S	1.00	2.0	265	10.0	2.9	3.00	35.0	0.37	0.75	0.90
265R1100	1.10	2.2	265	10.0	3.1	3.30	35.0	0.33	0.66	0.80
265R1250C	1.25	2.5	265	10.0	3.3	3.75	40.0	0.27	0.55	0.66
265R1250S	1.25	2.5	265	10.0	3.3	3.75	40.0	0.27	0.55	0.66
265R1350	1.35	2.7	265	10.0	3.5	4.05	40.0	0.25	0.50	0.60
265R1600	1.60	3.2	265	10.0	3.9	4.80	40.0	0.20	0.40	0.48
265R1850	1.85	3.7	265	10.0	4.3	5.55	50.0	0.165	0.33	0.40
265R2000	2.00	4.0	265	10.0	4.5	6.00	50.0	0.135	0.27	0.33





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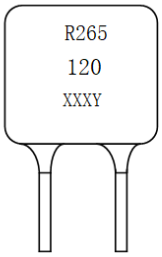
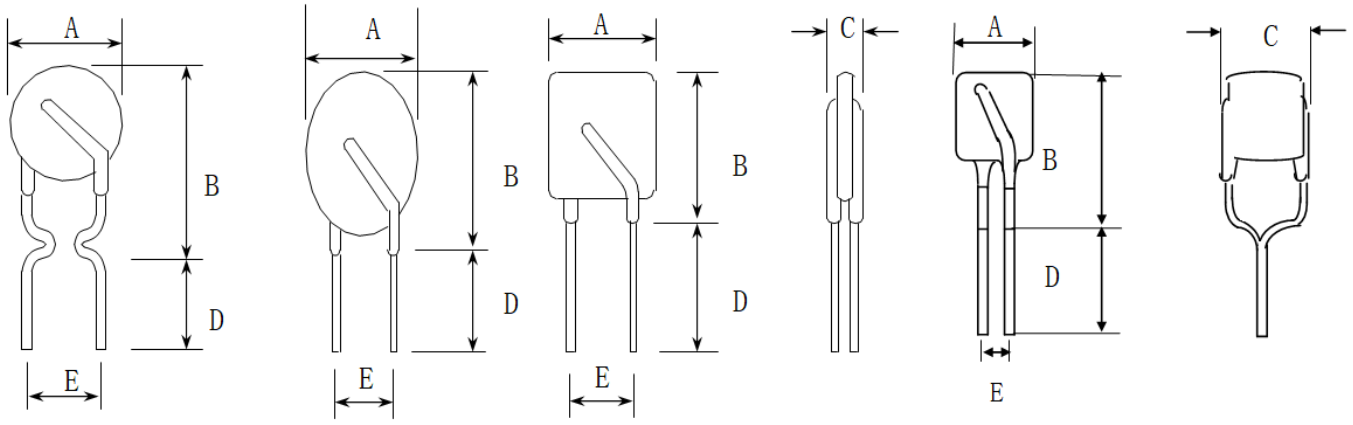
Environmental Characteristics
环境特性
Operating/Storage Temperature -40℃ to +85℃
环境/储存
Storge Note:T_{max}=+40℃,RH_{max}=70%. Units might not meet the nominal value if storage cenditions are over limit.
注：存储条件最高温度+40℃，最大RH70%；如果超过存储条件，器件可能无法满足给定值
Maximum Device Surface Temperature 125℃
最大表面温度

Test/测试项目	Conditions/测试条件
Passive aging 高温老化	85℃，1000 hours
Humidity aging 恒定湿热老化	85℃，85%RH，1000 hours
Thermal shock 热冲击	85℃，-40℃（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
265 = Radial type 265 V
120 = 0.12A hold current
XXX=日期
Y=代碼



Style 1 Style 2 Style 3 Style 4

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Product Dimensions(mm/inch)
尺寸（毫米/英寸）

Model	Amax	Bmax	Cmax	Dnim.	Enom.	Style	Lead Dia.	Lead Mat.
265R020	6.0	8.7	4.6	4.7	5.1	1	0.5	Sn/Cu
265R030	6.0	8.7	4.6	4.7	5.1	1	0.5	Sn/Cu
265R040	6.0	9.3	4.6	4.7	5.1	1	0.5	Sn/Cu
265R050	6.0	9.3	4.6	4.7	5.1	1	0.5	Sn/Cu
265R060	6.0	10.0	4.6	4.7	5.1	2	0.6	Sn/Cu
265R080	6.0	10.0	4.6	4.7	5.1	1	0.6	Sn/Cu
265R120	7.2	11.2	4.6	4.7	5.1	4	0.6	Sn/Cu
265R145	7.0	11.0	4.6	4.7	5.1	4	0.6	Sn/Cu
265R160	9.3	12.8	4.6	4.7	5.1	1	0.6	Sn/Cu
265R180C	9.5	13.5	4.6	4.7	5.1	1	0.6	Sn/Cu
265R180S	8.8	12.8	4.6	4.7	5.1	4	0.6	Sn/Cu
265R200C	10.0	13.5	4.6	4.7	5.1	1	0.6	Sn/Cu
265R200S	9.3	12.8	4.6	4.7	5.1	4	0.6	Sn/Cu
265R250	9.3	12.8	4.6	4.7	5.1	4	0.6	Sn/Cu
265R300	9.3	14.5	4.6	4.7	5.1	4	0.6	Sn/Cu
265R330	9.3	14.5	4.6	4.7	5.1	4	0.6	Sn/Cu
265R400	10.5	16.5	4.6	4.7	5.1	3	0.8	Sn/Cu
265R500	11.8	17.5	4.6	4.7	5.1	3	0.8	Sn/Cu
265R550	11.8	17.5	4.6	4.7	5.1	3	0.8	Sn/Cu
265R600	11.8	17.5	4.6	4.7	5.1	3	0.8	Sn/Cu
265R650	14.0	18.3	4.6	4.7	5.1	3	0.8	Sn/Cu
265R750	14.5	21.7	4.6	4.7	5.1	3	0.8	Sn/Cu
265R800	14.5	21.7	4.6	4.7	5.1	3	0.8	Sn/Cu
265R900	16.5	24.5	4.6	4.7	10.2	3	0.8	Sn/Cu
265R1000C	21.1	25.1	4.6	4.7	10.2	2	0.8	Sn/Cu
265R1000S	19.0	25.5	4.6	4.7	10.2	3	0.8	Sn/Cu
265R1100	19.0	25.5	4.6	4.7	10.2	3	0.8	Sn/Cu
265R1250C	24.2	28.2	4.6	4.7	10.2	2	0.8	Sn/Cu
265R1250S	19.0	29.0	4.6	4.7	10.2	3	0.8	Sn/Cu
265R1350	19.0	29.0	4.6	4.7	10.2	3	0.8	Sn/Cu
265R1600	21.5	29.0	4.6	4.7	10.2	3	0.8	Sn/Cu
265R1850	25.0	29.0	4.6	4.7	10.2	3	0.8	Sn/Cu
265R2000	25.0	33.5	4.6	4.7	10.2	3	0.8	Sn/Cu

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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℃
265R020	0.031	0.027	0.024	0.02	0.016	0.015	0.013	0.011	0.008
265R030	0.047	0.041	0.036	0.03	0.025	0.022	0.019	0.017	0.012
265R040	0.062	0.055	0.048	0.04	0.033	0.029	0.026	0.022	0.016
265R050	0.078	0.069	0.060	0.05	0.041	0.037	0.032	0.028	0.021
265R060	0.093	0.082	0.070	0.06	0.049	0.044	0.038	0.033	0.025
265R080	0.124	0.110	0.095	0.08	0.066	0.058	0.051	0.044	0.033
265R120	0.186	0.164	0.143	0.12	0.098	0.088	0.077	0.066	0.049
265R145	0.225	0.199	0.172	0.145	0.119	0.106	0.093	0.080	0.060
265R160	0.248	0.219	0.190	0.16	0.131	0.117	0.102	0.088	0.064
265R180C	0.279	0.247	0.213	0.180	0.147	0.131	0.115	0.099	0.074
265R180S	0.279	0.247	0.213	0.180	0.147	0.131	0.115	0.099	0.074
265R200C	0.310	0.274	0.238	0.20	0.164	0.146	0.128	0.110	0.082
265R200S	0.310	0.274	0.238	0.20	0.164	0.146	0.128	0.110	0.082
265R250	0.39	0.34	0.30	0.25	0.21	0.18	0.16	0.14	0.10
265R300	0.47	0.41	0.36	0.30	0.25	0.22	0.19	0.17	0.12
265R330	0.51	0.45	0.39	0.33	0.27	0.24	0.21	0.18	0.14
265R400	0.62	0.55	0.48	0.40	0.33	0.29	0.26	0.22	0.16
265R500	0.78	0.69	0.60	0.50	0.41	0.37	0.32	0.28	0.21
265R550	0.85	0.75	0.66	0.55	0.45	0.40	0.35	0.30	0.23
265R600	0.93	0.82	0.71	0.60	0.49	0.44	0.38	0.33	0.25
265R650	1.01	0.89	0.77	0.65	0.53	0.47	0.42	0.36	0.27
265R750	1.16	1.03	0.89	0.75	0.62	0.55	0.48	0.41	0.31
265R800	1.24	1.10	0.95	0.80	0.66	0.58	0.51	0.44	0.33
265R900	1.40	1.23	1.07	0.90	0.74	0.66	0.58	0.50	0.37
265R1000C	1.55	1.37	1.19	1.00	0.82	0.73	0.64	0.55	0.41
265R1000S	1.55	1.37	1.19	1.00	0.82	0.73	0.64	0.55	0.41
265R1100	1.71	1.51	1.31	1.10	0.90	0.80	0.70	0.61	0.45
265R1250C	1.94	1.71	1.49	1.25	1.03	0.91	0.80	0.69	0.51
265R1250S	1.94	1.71	1.49	1.25	1.03	0.91	0.80	0.69	0.51
265R1350	2.09	1.85	1.61	1.35	1.11	0.99	0.86	0.74	0.55
265R1600	2.48	2.19	1.90	1.60	1.31	1.17	1.02	0.88	0.66
265R1850	2.87	2.53	2.20	1.85	1.52	1.35	1.18	1.02	0.76
265R2000	3.10	2.74	2.38	2.00	1.64	1.46	1.28	1.10	0.82