250-T

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

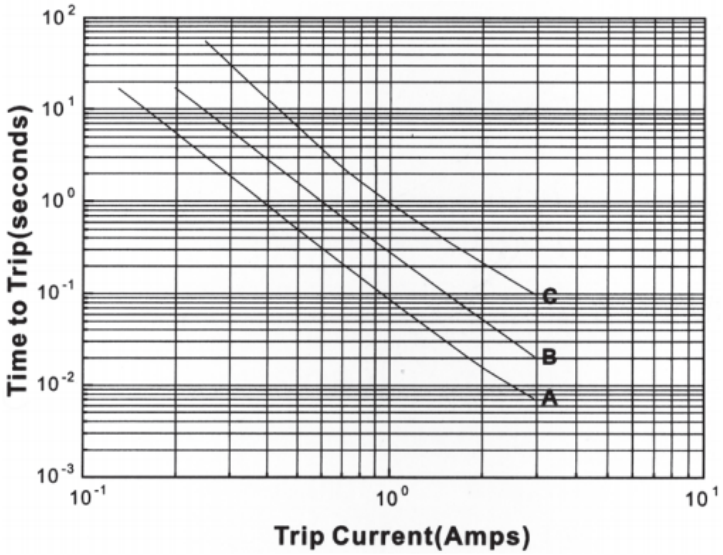
Electrical Characteristics at 25℃
25℃ 电气性能

Model	V_{max}	I_{max}	I_{hold}	I_{trip}	$R_{initial}$	R_{1max}	Max. Time To Trip	
	Volts	Amps	Amps	Amps	Ohms	Ohms	Amps	Seconds
250-050T	250	3.0	0.05	0.12	30.0-60.0	90	1.0	3.0
250-080T	250	3.0	0.08	0.16	12.0-22.0	33.0	1.0	4.0
250-110T	250	3.0	0.11*	0.22*	6.0-12.0	16.0	0.35	18.0
250-120T	250	3.0	0.12	0.22	6.0-12.0	16.0	1.0	2.5

***at 40℃**

Typical Time to Trip at 25℃
25℃典型的动作时间

A：250-050T
B：250-080T
C：250-110T/250-120T



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

Revised: July. 2017

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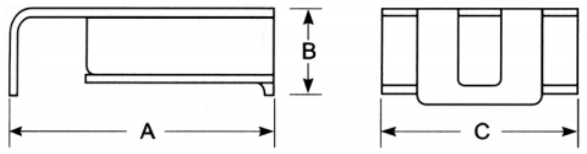
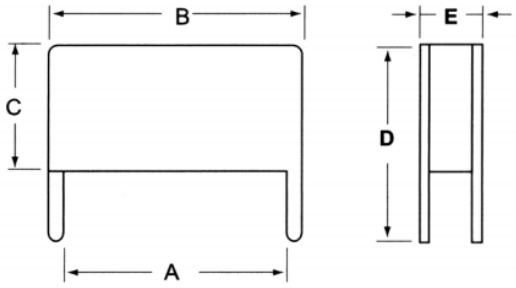
Part Numbering System:
型号说明

250 - 050 T

- T: Radial Leaded and Cured Epoxy Sealed Component (径向引出线、环氧树脂封装产品)
- 050: Hold Current: 0.050Amps (维持电流：0.050 安培)
- 250: Max.Voltage: 250volts (最大冲击电压：250 伏特)



Style 1



Style 2

Product Dimensions(mm/inch)
尺寸（毫米/英寸）

Model	A_{max}	B_{max}	C_{max}	$D_{nom.}$	Style	Lead Dia.	Lead Mat.
250-050T	9.5/0.374	4.0/0.157	7.5/0.295		1	0.3/0.012	Sn/Cu
250-080T	9.5/0.374	4.0/0.157	7.5/0.295		1	0.3/0.012	Sn/Cu
250-110T	5.8/0.228	7.0/0.276	3.0/0.118	5.0/0.179	2	0.3/0.012	Sn/Cu
250-120T	9.5/0.374	4.0/0.157	7.5/0.295		1	0.3/0.012	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℃
250-050T	0.087	0.075	0.064	0.050	0.042	0.034	0.029	0.024	0.016
250-080T	0.122	0.108	0.098	0.080	0.072	0.066	0.055	0.046	0.034
250-110T	0.186	0.164	0.150	0.122	0.110	0.100	0.084	0.070	0.052
250-120T	0.186	0.165	0.143	0.120	0.099	0.088	0.077	0.066	0.050

Revised: July. 2017