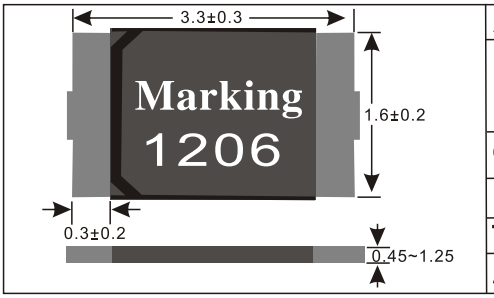
可恢复贴片保险丝 Resettable SMT Fuses

Surface Mount PTC— FSMD1206 Series

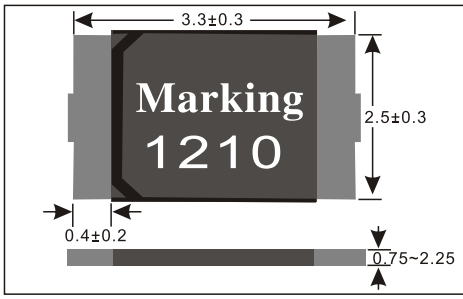


Application:	All high-density boards
Product Features:	Small surface mount, Solid state Faster time to trip than standard SMD devices Lower resistance than standard SMD devices
Operation Current:	50mA~1.5A
Maximum Voltage:	6V~60V
Temperature Range:	-40°C to 85°C
Agency Recognition:	Pending

● **Electrical Characteristics(23℃)**

Part Number	Hold Current	Trip Current	Rated Voltage	Maximum Current	Typical Power	Max Time to Trip		Resistance Tolerance	
								RMIN	R1MAX
	IH,A	IT, A	VMAX,Vdc	IMAX, A	Pd, W	Current	Time	ohms	ohms
FSMD005-1206	0.05	0.15	60	10	0.4	0.25	1.50	3.60	50.0
FSMD010-1206	0.10	0.25	60	10	0.4	0.5	1.00	2.10	15.0
FSMD020-1206	0.20	0.40	30	10	0.4	8.0	0.05	0.60	2.500
FSMD035-1206	0.35	0.75	16	40	0.4	8.0	0.10	0.300	1.200
FSMD050-1206	0.5	1.00	8	40	0.4	8.0	0.10	0.150	0.700
FSMD075-1206	0.75	1.50	6	40	0.6	8.0	0.20	0.100	0.290
FSMD100-1206	1.00	1.80	6	40	0.6	8.0	0.30	0.055	0.210
FSMD150-1206	1.50	3.00	6	40	0.8	8.0	1.00	0.040	0.120

Surface Mount PTC— FSMD1210 Series



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								RMIN	R1MAX
	IH,A	IT, A	VMAX,Vdc	IMAX, A	Pd, W	Current	Time	ohms	ohms
FSMD005-1210	0.05	0.15	60	10	0.60	0.25	1.50	3.60	50
FSMD010-1210	0.10	0.25	60	10	0.60	0.5	1.50	2.10	15
FSMD020-1210	0.20	0.40	30	10	0.60	8.0	0.02	0.80	5.0
FSMD035-1210	0.35	0.75	20	40	0.60	8.0	0.20	0.32	1.3
FSMD050-1210	0.5	1.00	16	40	0.60	8.0	0.10	0.25	0.9
FSMD075-1210	0.75	1.50	8	40	0.60	8.0	0.10	0.13	0.4
FSMD100-1210	1.00	1.80	6	40	0.80	8.0	0.30	0.07	0.21
FSMD150-1210	1.50	3.00	6	40	0.80	8.0	0.50	0.04	0.11

I_H=Hold current-maximum current at which the device will not trip at 23°C still air.
I_T=Trip current-minimum current at which the device will always trip at 23℃ still air.
V_{MAX}=Maximum voltage device can withstand without damage at its rated current.
I_{MAX}= Maximum fault current device can withstand without damage at rated voltage(V max).
Pd=Typical power dissipated from device when in the tripped state in 23°C still air environment.
R_{MIN}= Minimum device resistance at 23°C
R_{MAX}= Maximum device resistance at 23°C, 1 hour after tripping
Termination pad characteristics
Termination pad materials: solder-plated copper

富源电子科技有限公司

富 源 电 子 科 技 有 限 公 司
HTTP: //www.fuyuanfuse.com 地址:东莞市东城区下桥银桥工业区
E-mail:fuyuanfuse@163.com TEL: 0769-23115816 FAX: 0769-23115819