

Resettable SMT Fuses

可恢复贴片保险丝

Surface Mount PTC— FSMD1812 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:	140mA~2A
	Maximum Voltage:	6V~60V
	Temperature Range:	-40°C to 85°C
	Agency Recognition:	UL

Electrical Characteristics(23°C)

Part Number	Hold Current IH, A	Trip Current IT, A	Rated Voltage VMAX, Vdc	Maximum Current IMAX, A	Typical Power Pd, W	Max Time to Trip		Resistance Tolerance	
						Current	Time	RMIN ohms	RMAX ohms
FSMD014	0.14	0.30	60	10	0.8	8.0	0.02	1.5	6.50
FSMD020	0.20	0.40	30	10	0.8	8.0	0.02	0.8	5.00
FSMD035	0.35	0.70	16	40	0.8	8.0	0.10	0.32	1.50
FSMD050	0.50	1.00	16	40	0.8	8.0	0.15	0.15	1.00
FSMD075	0.75	1.50	16	40	0.8	8.0	0.02	0.11	0.45
FSMD110	1.10	2.20	6	40	0.8	8.0	0.30	0.04	0.21
FSMD110-16	1.10	1.95	16	40	0.8	8.0	0.50	0.06	0.18
FSMD150	1.50	3.00	6	40	0.8	8.0	0.50	0.03	0.10
FSMD160	1.60	3.20	6	40	0.8	8.0	0.50	0.03	0.10
FSMD200	2.00	3.50	8	40	0.8	8.0	2	0.02	0.07

Surface Mount PTC— FSMD2920 Series

	Application:	All high-density boards
	Product Features:	2920 Dimension, Surface mountable, Solid state, Faster time to trip than standard SMD device.
	Operation Current:	300mA~3.0A
	Maximum Voltage:	6V~60V
	Temperature Range:	-40°C to 85°C
	Agency Recognition:	UL

Electrical Characteristics(23°C)

Part Number	Hold Current IH, A	Trip Current IT, A	Rated Voltage VMAX, Vdc	Maximum Current IMAX, A	Typical Power Pd, W	Max Time to Trip		Resistance Tolerance	
						Current	Time	RMIN ohms	RMAX ohms
FSMD030-2920	0.30	0.6	60	10	1.5	1.5	3.0	1.20	4.80
FSMD050-2920	0.60	1.0	60	10	1.5	2.5	4.0	0.35	1.40
FSMD075-2920	0.75	1.5	33	40	1.5	8.0	0.3	0.35	1.00
FSMD100-2920	1.10	2.2	33	40	1.5	8.0	0.5	0.12	0.41
FSMD125-2920	1.25	2.5	33	40	1.5	8.0	2.0	0.07	0.25
FSMD150-2920	1.50	3.0	33	40	1.5	8.0	2.0	0.06	0.23
FSMD185-2920	1.85	3.7	33	40	1.5	8.0	2.5	0.06	0.15
FSMD200-2920	2.00	4.0	16	40	1.5	8.0	4.5	0.05	0.12
FSMD250-2920	2.50	5.0	16	40	1.5	8.0	16	0.035	0.085
FSMD260-2920	2.60	5.2	6	40	1.5	8.0	20	0.025	0.075
FSMD300-2920	3.00	6.0	6	40	1.5	8.0	25	0.015	0.048

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