

特性 FEATURES :

- * RoHS適合, ハロゲンフリー RoHS-compliant, Halogen Free
- * 定格電流値 : 100mA - 3A
- * 最大電圧値 : 6V - 60V
- * 使用温範囲 : -40°C ~ +85°C

承認 Approvals :

- * UL Recognized; File E211981
- * c-UL Recognized; File E211981
- * TUV ; R50004084, R50090556 † TUV 申請中 TUV Pending

FSMD SERIES

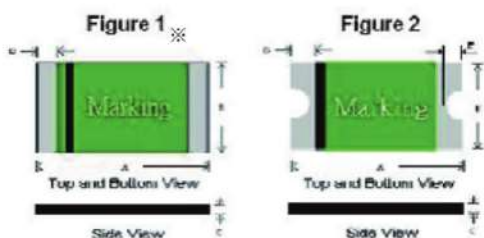
電気的特性 ELECTRICAL CHARACTERISTICS (23°C) :

Part Number	Hold	Trip	Rated	Max	Typical	Max Time to Trip		Resistance	
	Current	Current	Voltage	Current	Power	Current	Time	RMIN	R1MAX
	I _H , A	I _T , A	V _{MAX} , VDC	I _{MAX} , A	P _d , W	Amp	Sec	Ohms	Ohms
FSMD010-R†	0.10	0.30	60	100	0.8	8.0	0.020	1.800	15.00
FSMD014-R	0.14	0.30	60	100	0.8	8.0	0.008	1.200	6.500
FSMD020-R	0.20	0.40	30	100	0.8	8.0	0.020	0.800	5.000
FSMD020-60-R†	0.20	0.40	60	40	0.8	8.0	0.020	0.800	5.000
FSMD030-R†	0.30	0.60	30	40	0.8	8.0	0.100	0.200	1.750
FSMD035-R	0.35	0.70	16	40	0.8	8.0	0.100	0.320	1.500
FSMD035-30-R†	0.35	0.70	30	40	0.8	8.0	0.10	0.320	1.500
FSMD050-R	0.50	1.00	16	100	0.8	8.0	0.150	0.150	1.000
FSMD050-30-R†	0.50	1.00	30	100	0.8	8.0	0.150	0.150	1.000
FSMD075-R	0.75	1.50	16	100	0.8	8.0	0.200	0.110	0.450
FSMD075-24R	0.75	1.50	24	40	1.0	8.0	0.200	0.110	0.290
FSMD075-33R	0.75	1.50	33	40	1.0	8.0	0.200	0.110	0.400
FSMD110-R	1.10	2.20	8	100	0.8	8.0	0.300	0.040	0.210
FSMD110-16-R	1.10	2.20	16	100	0.8	8.0	0.500	0.040	0.180
FSMD110-24R	1.10	2.20	24	100	1.0	8.0	0.500	0.060	0.200
FSMD125-R	1.25	2.50	6	100	0.8	8.0	0.400	0.050	0.140
FSMD125-16R†	1.25	2.50	16	100	0.8	8.0	0.400	0.050	0.140
FSMD150-R	1.50	3.00	8	100	0.8	8.0	0.500	0.040	0.110
FSMD150-12R	1.50	3.00	12	100	1.0	8.0	0.500	0.040	0.110
FSMD150-24R	1.50	3.00	24	100	1.0	8.0	1.500	0.040	0.120
FSMD160-R	1.60	3.20	8	100	0.8	8.0	0.500	0.030	0.100
FSMD160-12R	1.60	3.20	12	100	1.0	8.0	1.000	0.030	0.100
FSMD160-16R	1.60	3.20	16	100	1.0	8.0	1.000	0.030	0.100
FSMD200R	2.00	3.50	8	100	1.0	8.0	2.000	0.020	0.070
FSMD260R	2.60	5.00	6	100	1.0	8.0	2.500	0.015	0.047
FSMD260-13R	2.60	5.00	13.2	100	1.3	8.0	5.000	0.015	0.050
FSMD260-16R	2.60	5.00	16	100	1.3	8.0	5.000	0.015	0.050
FSMD300R	3.00	5.00	6	100	1.0	8.0	4.000	0.012	0.040

NOTE : Specification subject to change without notice.

※ FSMD シリーズ ストレート端子品については PICO にお問い合わせ下さい。
Ask PICO for FSMD Series with Straight Termination type.

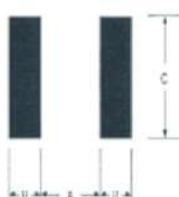
寸法 DIMENSIONS :



Part Number	Figure	A		B		C		D		E	
		Min	Max	Min	Max	Min *	Max	Min *	Max	Min	Max
FSMDxxx	1	4.37	4.73	3.07	3.41	0.25	1.55	0.30	0.95		
FSMDxxx(-xxx)R	2	4.37	4.73	3.07	3.41	0.25	1.55	0.25	0.95	0.25	0.65

* サイズの詳細については PICO にお問い合わせ下さい。 Ask PICO for details in dimensions.

推奨半田パッド寸法 Pad Layouts

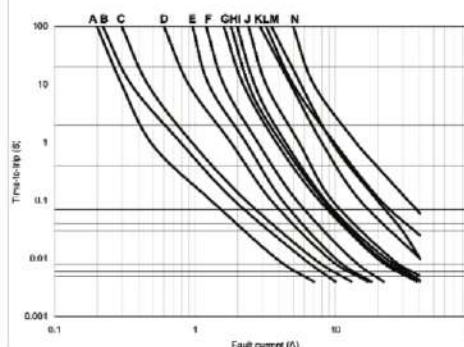


半田パッド寸法 -公称値- (mm)

Device	Pad dimensions (millimeters)		
	A Nominal	B Nominal	C Nominal
All 1812 Series	3.45	1.78	3.50

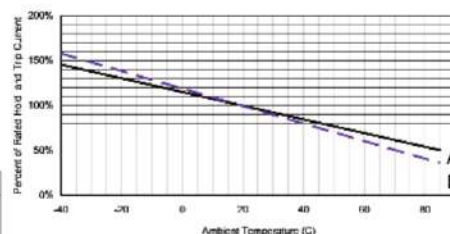
トリップ特性 (代表値)

Typical Time-to-trip at 23°C :



- A = FSMD010-R
- B = FSMD014-R
- C = FSMD020-R / 020-60-R
- D = FSMD030-R
- E = FSMD035-R / 035-30-R
- F = FSMD050-R / 050-30-R
- G = FSMD075-R / 075-24R / 075-33R
- H = FSMD110-R / 110-16-R / 110-24R
- I = FSMD125-R / 125-16R
- J = FSMD150-R / 150-12R / 150-24R
- K = FSMD160-R / 160-12R / 160-16R
- L = FSMD200R
- M = FSMD260R / 260-13R / 260-16R
- N = FSMD300R

温度ディレイティングカーブ Thermal Derating Curve, FSMD Series



- A- FSMD075-R, 075-24R, 075-33R, 110-R, 110-16-R, 110-24R, 125-R, 125-16R, 150-R, 150-12R, 150-24R, 160-R, 160-12R, 160-16R, 200R, 260R, 260-13R, 260-16R, 300R
- B- FSMD010-R, 014-R, 020-R, 020-60-R, 030-R, 035-R, 035-30-R, 050-R, 050-30-R

◆ 2920 / 1210 / 1206 / 0805 サイズについては PICO にお問い合わせ下さい。 Ask PICO for other SMD Sizes.