

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number: NANOSMDM050-2
Manufacturer: Littelfuse Inc.
Package: 1206 (3216 Metric), Concave
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/littelfuse-inc/nanosmdm050-2.html>

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Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

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Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

This product line is designed for surface-mount applications. The variety of sizes enables installation in limited space applications such as crowded printed circuit boards, digital cameras, PC cards, subnotebook computers, computer peripheral equipment, and general electronics. These devices are designed for applications where such space is constrained and resettable circuit protection is desired.

Figure 1

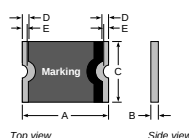


Figure 2

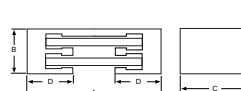
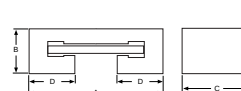


Figure 3



nanoSMD Series Size: 3216 (mm), 1206 (mils)

Part number	I _H ⁺ (A)	V max. (Vdc)	I max. (A)	R _{min} (Ω)	R ₁ max. (Ω)	Agency recognition	Dimensions (millimeters/inches)					Fig.
							A (max.)	B (max.)	C (max.)	D (min.)		
nanoSMDP150	1.50	6	40	0.040	0.11	UL, TÜV, CSA	3.4 (0.134)	1.4 (0.055)	1.8 (0.071)	0.25 (0.010)	1	

*Hold current @ 25°C.

nanoSMDM Series Size: 3216 (mm), 1206 (mils)

Part number	I _H ⁺ (A)	V max. (Vdc)	I max. (A)	R _{min} (Ω)	R ₁ max. (Ω)	Agency recognition	Dimensions (millimeters/inches)					Fig.
							A (max.)	B (max.)	C (max.)	D (min.)		
nanoSMDM012	0.125	30	10	1.500	6.00	UL, TÜV, CSA	3.4 (0.134)	1.2 (0.047)	1.8 (0.071)	0.75 (0.030)	3	
nanoSMDM016	0.160	30	10	1.200	4.50	UL, TÜV, CSA	3.4 (0.134)	1.2 (0.047)	1.8 (0.071)	0.75 (0.030)	3	
nanoSMDM050	0.500	6	40	0.150	0.70	UL, TÜV, CSA	3.4 (0.134)	1.2 (0.047)	1.8 (0.071)	0.75 (0.030)	3	
nanoSMDM075	0.750	6	40	0.100	0.29	UL, TÜV, CSA	3.4 (0.134)	1.2 (0.047)	1.8 (0.071)	0.75 (0.030)	3	
nanoSMDM100	1.000	6	40	0.060	0.21	UL, TÜV, CSA	3.4 (0.134)	1.2 (0.047)	1.8 (0.071)	0.75 (0.030)	3	

*Hold current @ 25°C.

microSMD Series Size: 3225 (mm), 1210 (mils)

Part number	I _H (A)	V max. (Vdc)	I max. (A)	R _{min} (Ω)	R ₁ max. (Ω)	Agency recognition	Dimensions (millimeters/inches)					Fig.
							A (max.)	B (max.)	C (max.)	D (min.)	E (min.)	
microSMD005	0.05	30	10	3.60	50.00	UL, TÜV, CSA	3.43 (0.135)	0.85 (0.034)	2.80 (0.110)	0.25 (0.010)	0.20 (0.008)	1
microSMD010	0.10	30	10	2.10	15.00	UL, TÜV, CSA	3.43 (0.135)	0.85 (0.034)	2.80 (0.110)	0.25 (0.010)	0.20 (0.008)	1
microSMD035	0.35	6	40	0.32	1.30	UL, TÜV, CSA	3.43 (0.135)	0.62 (0.025)	2.80 (0.110)	0.25 (0.010)	0.20 (0.008)	1
microSMD050	0.50	13.2	40	0.25	0.90	UL, TÜV, CSA	3.43 (0.135)	0.62 (0.025)	2.80 (0.110)	0.25 (0.010)	0.20 (0.008)	1
microSMD075	0.75	6	40	0.11	0.40	UL, TÜV, CSA	3.43 (0.135)	0.62 (0.025)	2.80 (0.110)	0.25 (0.010)	0.20 (0.008)	1
microSMD110	1.10	6	40	0.07	0.21	UL, TÜV, CSA	3.43 (0.135)	0.48 (0.019)	2.80 (0.110)	0.25 (0.010)	0.20 (0.008)	1
microSMD150	1.50	6	40	0.04	0.11	UL, TÜV, CSA	3.43 (0.135)	1.22 (0.048)	2.80 (0.110)	0.25 (0.010)	0.20 (0.008)	1