

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

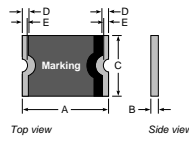


Figure 2

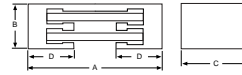
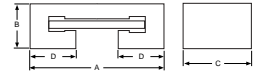


Figure 3



nanoSMDC 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.)		
nanoSMDC150	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

miniSMDC Series Size: 4532 (mm), 1812 (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.)	
miniSMDC014	0.14	60	10	1.500	6.000	UL, TÜV, CSA	4.73 (0.186)	0.89 (0.035)	3.41 (0.134)	0.25 (0.010)	0.20 (0.008)	1
miniSMDC020	0.20	30	10	.0600	3.300	UL, TÜV, CSA	4.73 (0.186)	0.89 (0.035)	3.41 (0.134)	0.25 (0.010)	0.20 (0.008)	1
miniSMDC050	0.50	24	40	0.150	1.000	UL, TÜV, CSA	4.73 (0.186)	0.62 (0.025)	3.41 (0.134)	0.25 (0.010)	0.20 (0.008)	1
miniSMDC075	0.75	13.2	40	0.110	0.450	UL, TÜV, CSA	4.73 (0.186)	0.62 (0.025)	3.41 (0.134)	0.25 (0.010)	0.20 (0.008)	1
miniSMDC110	1.10	8	40	0.040	0.210	UL, TÜV, CSA	4.73 (0.186)	0.62 (0.025)	3.41 (0.134)	0.25 (0.010)	0.20 (0.008)	1
miniSMDC125	1.25	6	40	0.050	0.140	UL, TÜV, CSA	4.73 (0.186)	0.48 (0.019)	3.41 (0.134)	0.25 (0.010)	0.20 (0.008)	1
miniSMDC150	1.50	6	40	0.040	0.110	UL, TÜV, CSA	4.73 (0.186)	0.48 (0.019)	3.41 (0.134)	0.25 (0.010)	0.20 (0.008)	1
miniSMDC200	2.00	6	40	0.020	0.070	UL, TÜV, CSA	4.73 (0.186)	1.22 (0.048)	3.41 (0.134)	0.25 (0.010)	0.20 (0.008)	1
miniSMDC260	2.60	6	40	0.015	0.047	UL, TÜV, CSA	4.73 (0.186)	1.25 (0.050)	3.41 (0.134)	0.25 (0.010)	0.20 (0.008)	1

miniSMDM Series Size: 4532 (mm), 1812 (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.)	
miniSMDM075	0.75	13.2	40	0.100	0.290	UL, TÜV, CSA	4.75 (0.187)	2.00 (0.079)	3.60 (0.142)	1.4 (0.055)	—	3
miniSMDM075/24	0.75	24	40	0.090	0.290	UL, TÜV, CSA	4.75 (0.187)	2.00 (0.079)	3.60 (0.142)	1.4 (0.055)	—	2
miniSMDM110	1.10	8	40	0.060	0.180	UL, TÜV, CSA	4.75 (0.187)	2.00 (0.079)	3.60 (0.142)	1.4 (0.055)	—	3
miniSMDM110/16	1.10	16	40	0.060	0.180	UL, TÜV, CSA	4.75 (0.187)	2.00 (0.079)	3.60 (0.142)	1.4 (0.055)	—	2
miniSMDM150/24	1.50	24	20	0.040	0.120	UL, TÜV, CSA	4.75 (0.187)	2.00 (0.079)	3.60 (0.142)	1.4 (0.055)	—	2
miniSMDM160	1.60	8	40	0.033	0.099	UL, TÜV, CSA	4.75 (0.187)	2.00 (0.079)	3.60 (0.142)	1.4 (0.055)	—	2
miniSMDM200	2.00	8	40	0.020	0.060	UL, TÜV, CSA	4.75 (0.187)	2.00 (0.079)	3.60 (0.142)	1.4 (0.055)	—	2
miniSMDM260	2.60	6	40	0.010	0.043	UL, TÜV, CSA	4.75 (0.187)	2.00 (0.079)	3.60 (0.142)	1.4 (0.055)	—	2

*Hold current @ 25°C.

miniSMDE Series Size: 11550 (mm), 4420 (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.)	
miniSMDE190	1.90	16	100	0.024	0.08	UL, TÜV, CSA	11.51 (0.453)	0.53 (0.021)	5.33 (0.210)	0.51 (0.020)	0.381 (0.015)	1