

nSMD 系列

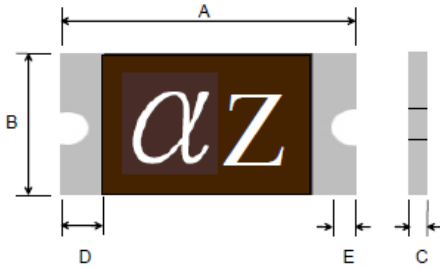
➤ Features

- Surface Mount Devices.
- Lead free device.
- Size 3.2x1.6mm/0.12x0.06 inch.
- Surface Mount packaging for automated assembly.

➤ Applications

Almost anywhere there is a low voltage power supply, up to 60V and a load to be protected, including:

- Computer mother board, Modem, USB hub.
- PDAs & Charger, Analog & digital line card.
- Digital cameras, Disk drivers, CD-ROMs.



※ DIMENSIONS

Unit: mm

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD005	αZ	3.00	3.50	1.50	1.80	0.60	1.10	0.15	0.10
nSMD010	αN	3.00	3.50	1.50	1.80	0.60	1.10	0.15	0.10
nSMD020	αA	3.00	3.50	1.50	1.80	0.40	0.90	0.15	0.10
nSMD025	αA	3.00	3.50	1.50	1.80	0.40	0.90	0.15	0.10
nSMD035	αB	3.00	3.50	1.50	1.80	0.40	0.90	0.15	0.10
nSMD050	αF	3.00	3.50	1.50	1.80	0.35	0.85	0.15	0.10
nSMD050-13.2V	αF	3.00	3.50	1.50	1.80			0.15	0.10
nSMD075	αG	3.00	3.50	1.50	1.80	0.30	0.80	0.15	0.10
nSMD075-双层	αG	3.00	3.50	1.50	1.80	0.50	1.20	0.15	0.10
nSMD100	αH	3.00	3.50	1.50	1.80	0.40	0.80	0.15	0.10
nSMD110	αH	3.00	3.50	1.50	1.80	0.40	0.80	0.15	0.10
nSMD150	αI	3.00	3.50	1.50	1.80	0.50	1.20	0.15	0.10
nSMD200	αK	3.00	3.50	1.50	1.80	0.50	1.20	0.15	0.10

※ PERFORMANCE RATINGS

Model	Marking	V _{max} (Vdc)	I _{max} (A)	I _{hold}	I _{trip}	P _d (W)	Maximum Time To Trip		Resistance	
				@25°C (A)	@25°C (A)		Current (A)	Time (Sec)	R _{i min} (Ω)	R _{1 max} (Ω)
				Typ	Typ					
nSMD005	αZ	60	100	0.05	0.15	0.4	0.25	1.5	3.600	50.000
nSMD010	αN	60.0	100	0.10	0.25	0.4	0.5	1.00	1.600	15.000
nSMD020	αA	30.0	100	0.20	0.40	0.6	8.0	0.08	0.350	2.500
nSMD025	αA	16.0	100	0.25	0.50	0.6	8.0	0.08	0.350	2.500
nSMD035	αB	6.0	100	0.35	0.75	0.6	8.0	0.10	0.250	1.300
nSMD050	αF	6.0	100	0.50	1.00	0.6	8.0	0.10	0.150	0.700
nSMD050-13.2V	αF	13.2	100	0.50	1.00	0.6	8.0	0.10	0.150	0.700
nSMD075	αG	6.0	100	0.75	1.50	0.6	8.0	0.20	0.090	0.500
nSMD100	αH	6.0	100	1.00	1.80	0.6	8.0	0.30	0.055	0.270
nSMD110	αH	6.0	100	1.10	2.20	0.6	8.0	0.30	0.050	0.250
nSMD150	αI	6.0	100	1.50	3.00	0.8	8.0	1.00	0.040	0.130
nSMD200	αK	6.0	100	2.00	3.50	0.8	8.0	1.50	0.018	0.080