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Techfuse
PTC Devices
Resettable Fuse

PRODUCT: nSMD075

DOCUMENT: QR0429

ECN. NO.:

REV LETTER:

REV DATE: 2011-3-10

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Specification Sheet

Terminal Pad Solderability:
Meets EIA Specification RS186-9E
And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:
Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification

nSMD075 = α G

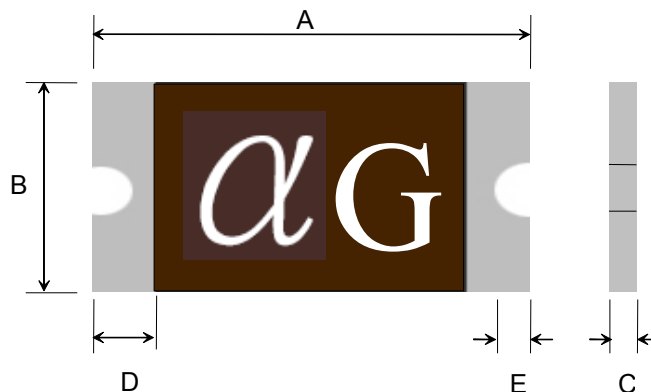


TABLE I. DIMENSIONS

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD075	αG	3.00	3.50	1.50	1.80	0.30	0.80	0.15	0.10

Unit:mm

TABLE II. PERFORMANCE RATINGS:

Model	Marking	V _{max} (Vdc)	I _{max} (A)	I _{hold} @25°C (A)	I _{trip} @25°C (A)	P _d Typ. (W)	Maximum Time To Trip		Resistance		
							Current (A)	Time (Sec)	R _l _{min} (Ω)	R _l _{typ} (Ω)	R _l _{max} (Ω)
nSMD075	αG	6.0	100	0.75	1.50	0.6	8.0	0.20	0.090	0.160	0.500

Order Information

Packaging

SMD1206	075	Tape & Reel Quantity	
Product name	Hold	Max	5000 pcs/reel
Size 3216 mm / 1206 mils	Current	voltage	
SMD: surface mount device	0.75A		

Recognition: UL Approved.

E201504/E319079

