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Techfuse
PTC Devices
Resettable Fuse

PRODUCT: nSMD075-16V
DOCUMENT: QR0429
ECN. NO.:
REV LETTER:
REV DATE: 2025/10/1
PAGE NO.: 1 of 1

Specification Sheet

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

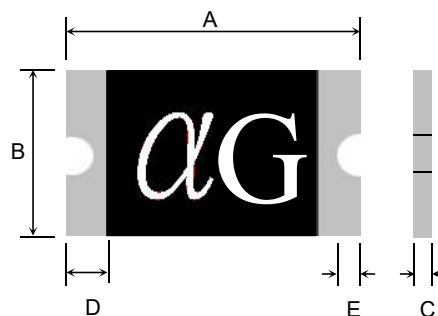
Terminal Pad Materials:
Tin-plated Nickel-Copper

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.
nSMD075-16V	αG	3.00	3.50	1.50	1.80	0.50	1.20	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)	$R_{i_{min}}$ (Ω)	$R_{1_{max}}$ (Ω)
nSMD075-16V	αG	16	100	0.75	1.50	0.6	8.0	0.20	0.090	0.500

Order Information**Packaging**

SMD1206	075-16V	Tape & Reel Quantity	
Product name	Hold	Max	
Size 3216 mm / 1206 mils	Current	voltage	3500 pcs/reel
SMD: surface mount device	0.75A	16V	

Agency Approvals :

E201504(Alpha-Top)/E319079(Sea&Land)



J 50656626



CQC25001473187

GB 4943.1-2022; IEC 60730-1 : 2013 15、17、J.15、J.17; GB/T 7153-2002

Regulation/Standard:

2015/863/EU



EN14582