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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: nSMD016-30V
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2023/10/12
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Specification Sheet

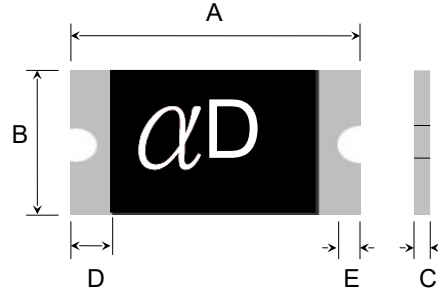
Terminal Pad Solderability:
 Meets EIA Specification RS186-9E
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification
 nSMD016 = α D

**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD016-30V	α D	3.00	3.50	1.50	1.80	0.60	1.10	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)
nSMD016-30V	α D	60	100	0.16	0.37	0.6	1.00	0.30	1.200	5.000

Order Information**Packaging**

SMD1206	012	Tape & Reel Quantity
Product name	Hold Max	3500 pcs/reel
Size 3216 mm / 1206 mils	Current voltage	
SMD: surface mount device	0.16A 30	

Recognition: UL Pending. E201504/E319079



2015/863/EU



EN14582

