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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: nSMD150
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2014/8/6
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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
 nSMD150 = α I

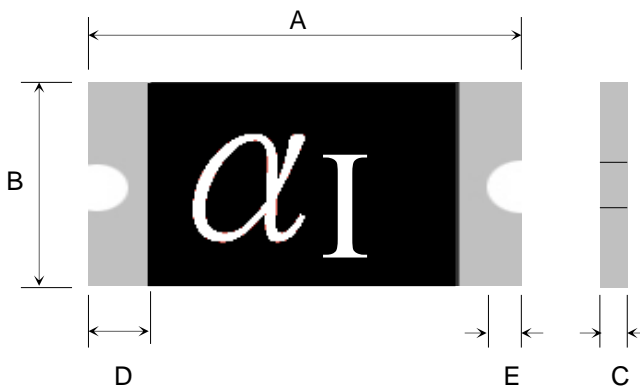


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD150	α I	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)
nSMD150	α I	6.0	100	1.50	3.00	0.8	8.0	1.00	0.040	0.130

Order Information

Packaging

SMD1206	150	Tape & Reel Quantity
Product name	Hold Max	3500 pcs/reel
Size 3216 mm / 1206 mils	Current voltage	
SMD: surface mount device	1.50A	

Recognitio UL TUV Approved E201504/E319079/R50265895

