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Techfuse
PTC Devices
Resettable Fuse

PRODUCT: nSMD250
DOCUMENT: QR0429
ECN. NO.:
REV LETTER:
REV DATE: 2020/12/22
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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

nSMD250 = α L

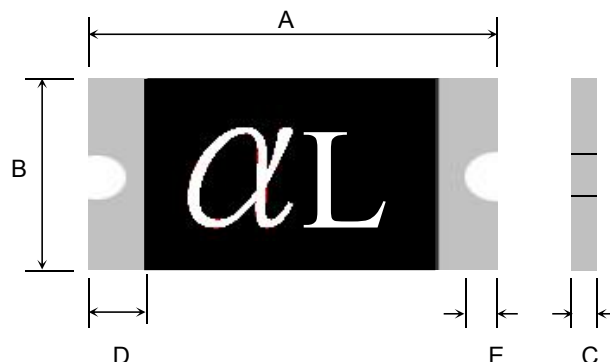


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD250	α L	3.00	3.50	1.50	1.80	0.80	1.40	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)
nSMD250	α L	6.0	100	2.50	5.00	1.2	8.0	2.00	0.015	0.070

Order Information

Packaging

SMD1206	250	Tape & Reel Quantity	
Product name	Hold	Max	
Size 3216 mm / 1206 mils	Current	voltage	3500 pcs/reel
SMD: surface mount device	2.50A		

Recognition:

2015/863/EU
EN14582

