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Techfuse

PTC Devices

Resettable Fuse

PRODUCT: nSMD100

DOCUMENT: QR0429

ECN. NO.:

REV LETTER:

REV DATE: 2012-8-3

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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

nSMD100 = α H

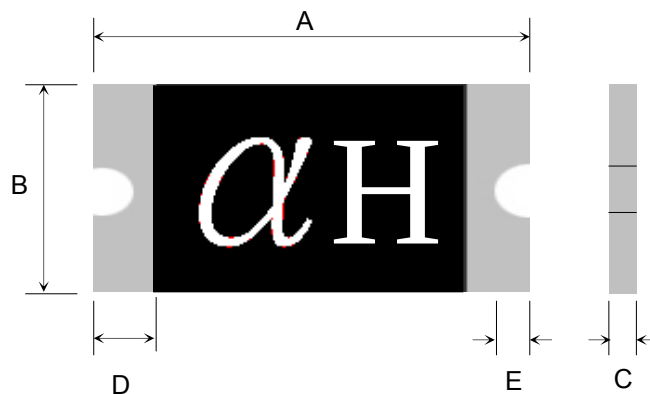


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD100	α H	3.00	3.50	1.50	1.80	0.40	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)	$R_{i_{\min}}$ (Ω)	$R_{1_{\max}}$ (Ω)
nSMD100	α H	6.0	100	1.00	1.80	0.6	8.0	0.30	0.055	0.270

Order Information

Packaging

SMD1206	100	Tape & Reel Quantity	
Product name	Hold	Max	
Size 3216 mm / 1206 mils	Current	voltage	5000 pcs/reel
SMD: surface mount device	1.00A		

Recognitic UL / TÜV, Approve E201504/E319079/R50141892

