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Techfuse
PTC Devices
Resettable Fuse

PRODUCT: nSMD100

DOCUMENT: QR0429

ECN. NO.:

REV LETTER:

REV DATE: 2011-3-10

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

nSMD100 = αH

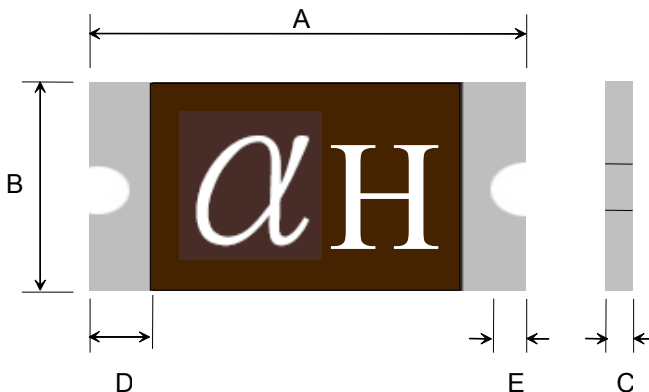


TABLE I. DIMENSIONS

| Model | Marking | A | | B | | C | | D | E |
|---------|---------|------|------|------|------|------|------|------|------|
| | | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Min. |
| nSMD100 | αH | 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 _l _{min} (Ω) | R _l _{typ} (Ω) | R _l _{max} (Ω) |
| nSMD100 | αH | 6.0 | 100 | 1.00 | 1.80 | 0.6 | 8.0 | 0.30 | 0.055 | 0.100 | 0.270 |

Order Information

Packaging

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

Recognition: UL / TÜV, Approved. E201504/E319079/R50141892

