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Techfuse
PTC Devices
Resettable Fuse

PRODUCT: nSMD025-24V
DOCUMENT: QR0429
ECN. NO.:
REV LETTER:
REV DATE: 2025/10/1
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

nSMD025 = α A

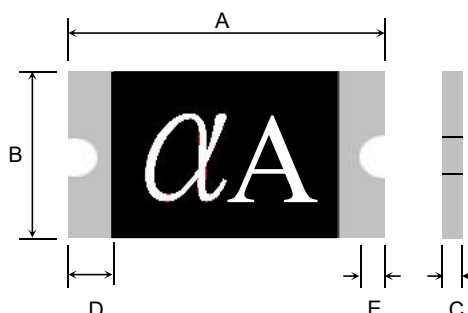


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD025-24V	α A	3.00	3.50	1.50	1.80	0.40	0.90	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)	$R_{\min}$ (Ω)	$R_{\max}$ (Ω)
nSMD025-24V	α A	24	100	0.25	0.50	0.6	8.0	0.08	0.350	2.500

Order Information

Packaging

SMD1206	025-24V	Tape & Reel Quantity
Product name	Hold Max	5000 pcs/reel
Size 3216 mm / 1206 mils	Current voltage	
SMD: surface mount device	0.25A	

Agency Approvals :



E201504(Alpha-Top)/E319079(Sea&Land)



J 50656626



CQC25001473187

GB 4943.1-2022; IEC 60730-1 : 2013 15、17、J.15、J.17; GB/T 7153-2002

Regulation/Standard:



2015/863/EU



EN14582