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Techfuse
PTC Devices
Resettable Fuse

PRODUCT: nSMD050
DOCUMENT: QR0429
ECN. NO.:
REV LETTER:
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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

nSMD050 = α F

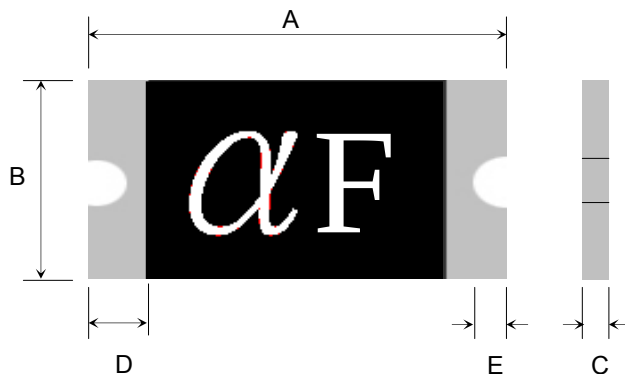


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD050	α F	3.00	3.50	1.50	1.80	0.35	0.85	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)
nSMD050	α F	6.0	100	0.50	1.00	0.6	8.0	0.10	0.150	0.700

Order Information

Packaging

SMD1206	050	Tape & Reel Quantity	
Product name	Hold	Max	
Size 3216 mm / 1206 mils	Current	voltage	5000 pcs/reel
SMD: surface mount device	0.50A		

Recognition: UL Approved.

E201504/E319079

