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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: nSMD050-13.2V
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2011-3-10
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Specification Sheet

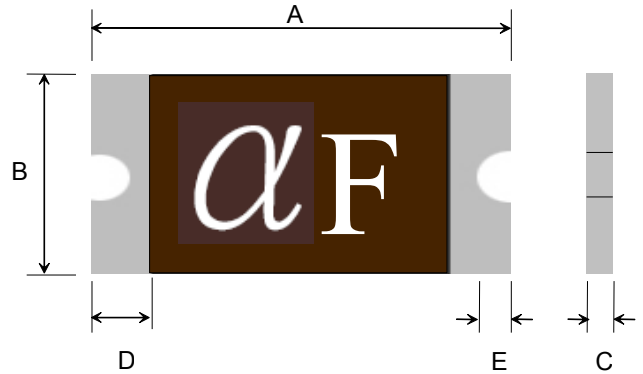
Terminal Pad Solderability:
 Meets EIA Specification RS186-9E
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

nSMD050 = α F



Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD050-13.2V	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 _{i typ} (Ω)	R _{1 max} (Ω)
nSMD050-13.2V	α F	6.0	100	0.50	1.00	0.6	8.0	0.10	0.150	0.300	0.700

Order Information**Packaging**

SMD1206	050	-13.2V	Tape & Reel Quantity
Product name	Hold	Max	5000 pcs/reel
Size 3216 mm / 1206 mils	Current	voltage	
SMD: surface mount device	0.50A		

Recognition: UL Approved.

E201504/E319079

