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**Techfuse**  
**PTC Devices**  
 Resettable Fuse

PRODUCT: nSMD035-33V  
 DOCUMENT: QR0429  
 ECN. NO.:  
 REV LETTER:  
 REV DATE: 2023-1-3  
 PAGE NO.: 1 of 1

## Specification Sheet

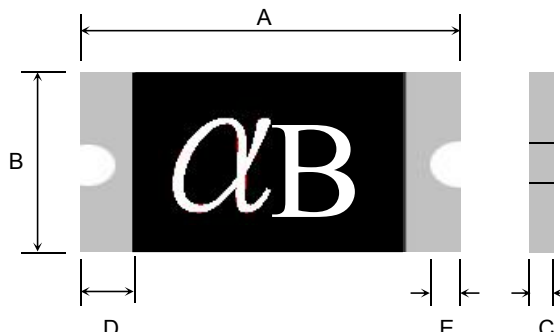
Terminal Pad Solderability:  
 Meets EIA Specification RS186-9E  
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:  
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

**Marking:**

Part Identification  
 nSMD035 = α B



**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D	E
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.
nSMD035-33V	αB	3.00	3.50	1.50	1.80	0.80	1.80	0.15	0.10

Unit:mm

**TABLE II. PERFORMANCE RATINGS:**

Model	Marking	V <sub>max</sub> (Vdc)	I <sub>max</sub> (A)	I <sub>hold</sub> @25°C (A)	I <sub>trip</sub> @25°C (A)	P <sub>d</sub> Typ. (W)	Maximum Time To Trip		Resistance	
							Current (A)	Time (Sec)	R <sub>i_min</sub> (Ω)	R <sub>1_max</sub> (Ω)
nSMD035-33V	αB	33	100	0.35	0.75	0.6	8.0	0.10	0.250	1.300

**Order Information**

**Packaging**

SMD1206	035-33V	Tape & Reel Quantity	
Product name	Hold	Max	3500 pcs/reel
Size 3216 mm / 1206 mils	Current	voltage	
SMD: surface mount device	0.35A		

Recognition:

E201504/E319079



2015/863/EU



EN14583

