

SEA&LAND ELECTRONIC CORP.

13F., No.120-10,
 Sec. 3, Zhongshan Rd., Zhonghe Dist., New Taipei City 235,
 Taiwan

Tel.: 886-2-8221-2567

Fax.: 886-2-2225-7268

Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: nSMD035-16V

DOCUMENT: QR0429

ECN. NO.:

REV LETTER:

REV DATE: 2020/12/2

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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:

Part Identification

nSMD035 = αB

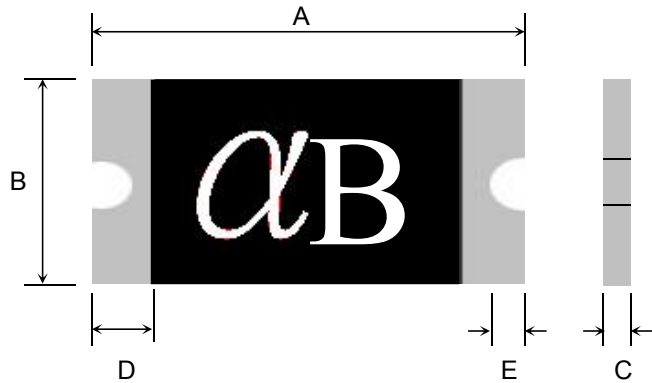


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E	Unit:mm
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.	
nSMD035-16V	αB	3.00	3.50	1.50	1.80	0.40	0.90	0.15	0.10	

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)
nSMD035-16V	αB	16.0	100	0.35	0.75	0.6	8.0	0.10	0.250	0.380	1.300

Order Information

Packaging

SMD1206	035	-16V	Tape & Reel Quantity
Product name	Hold	Max	5000 pcs/reel
Size 3216 mm / 1206 mils	Current	voltage	
SMD: surface mount device	0.35A		

Recognition: UL Approved.

E201504/E319079

