

SEA&LAND ELECTRONIC CORP.		PRODUCT:	nSMD050-16V
13F., No.120-10,		DOCUMENT:	QR0429
Sec. 3, Zhongshan Rd., Zhonghe Dist., New Taipei City 235,		ECN. NO.:	
Taiwan		REV LETTER:	
Tel.: 886-2-8221-2567		REV DATE:	2025/10/1
Fax.: 886-2-2225-7268		PAGE NO.:	1 of 1
Techfuse			
PTC Devices			
Resettable Fuse			

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

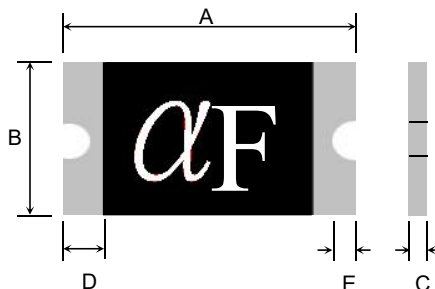


TABLE I. DIMENSIONS:

Model	Marking	A		B		C		D	E	Unit:mm
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Min.	
nSMD050-16V	αF	3.00	3.50	1.50	1.80	0.50	1.20	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 _{1 max} (Ω)
nSMD050-16V	αF	16	100	0.50	1.00	0.6	8.0	0.10	0.150	0.700

Order Information

Packaging

SMD1206	050-16V	Tape & Reel Quantity
Product name	Hold	Max
Size 3216 mm / 1206 mils	Current	voltage
SMD: surface mount device	0.50A	5000 pcs/reel

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