

SEA&LAND ELECTRONIC CORP.

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Techfuse
PTC Devices
Resettable Fuse

PRODUCT: SMD0603-001
DOCUMENT: QR0429
ECN. NO.:
REV LETTER: A
REV DATE: 2025/9/25
PAGE NO.: 1 of 1

Specification Sheet

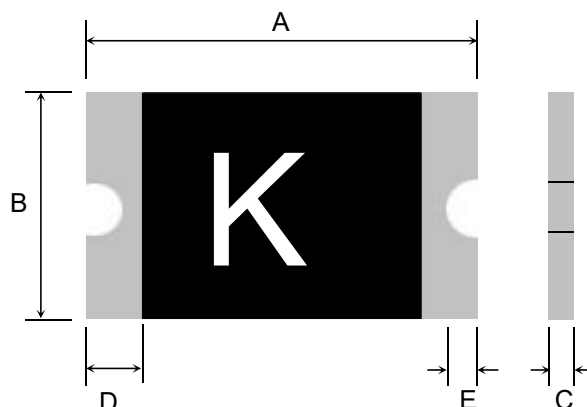
Terminal Pad Solderability:
Meets EIA Specification RS186-9E
And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:
Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification
X= 004

**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
SMD0603-001	K	1.45	1.85	0.65	1.05	0.50	1.20	0.15

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)
SMD0603-001	K	30	20	0.01	0.04	0.5	0.2	1.00	15.000	100.000

Order Information**Packaging**

SMD0603		001		Tape & Reel Quantity	
Product name	Hold	Max		5,000 pcs/reel	
Size 1508 mm / 0603 mils	Current	voltage			
SMD: surface mount device	0.01A				

Agency Approvals :**E201504(Alpha-Top)/E319079(Sea&Land)****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**