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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD2018-030
 DOCUMENT: QR0429
 ECN NO.:
 REV LETTER:
 REV DATE: 2026/4/1
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Specification Sheet

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

Terminal Pad Materials:
 Gold-Plated Nickel-Copper or Tin-plated Nickel-Copper

Tin-plated Nickel-Copper

Marking:

α Alpha Logo
 030 Part Identification

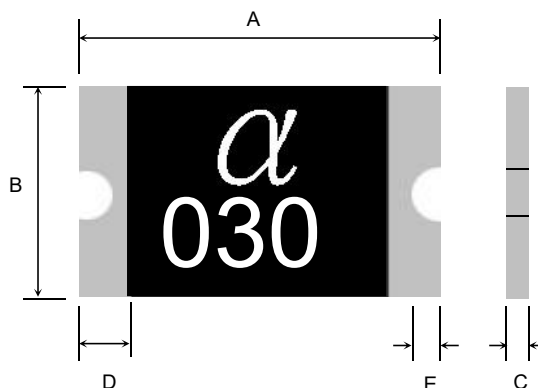


TABLE I. DIMENSIONS:

Model	A		B		C		D
	Min.	Max.	Min.	Max.	Min.	Max.	Min.
SMD2018-030	4.72	5.44	4.22	4.93	0.60	1.10	0.30

Unit:mm

TABLE II. PERFORMANCE RATINGS:

Model	V_{max} (V)	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)
SMD2018-030	60	100	0.30	0.60	0.9	1.5	3.00	0.500	2.300

Order Information

Packaging

SMD2018	030	Tape & Reel Quantity
Product name	Hold	Max
Size 5045 mm / 2018 mils	Current	voltage
SMD: surface mount device	0.30A	1500 pcs/reel

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