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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD1210-050
 DOCUMENT: QR0429
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Specification Sheet

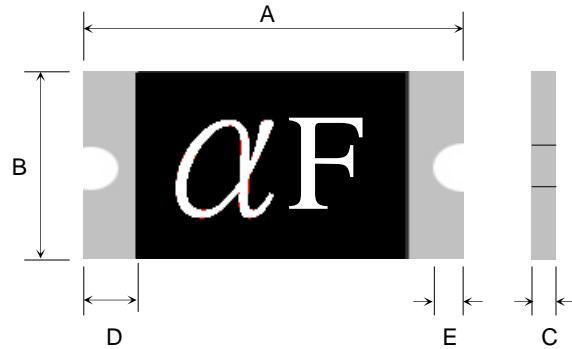
Terminal Pad Solderability:
 Meets EIA Specification RS186-9E
 And ANSI/J-STD-002 Category 3.

Terminal Pad Materials:
 Tin-plated Nickel-Copper

Lead-Free, RoHS Compliant

Marking:

Part Identification
 SMD1210-050 = αF

**TABLE I. DIMENSIONS:**

Model	Marking	A		B		C		D
		Min.	Max.	Min.	Max.	Min.	Max.	Min.
SMD1210-050	αF	3.00	3.43	2.35	2.80	0.30	0.80	0.30

Unit:mm

TABLE II. PERFORMANCE RATINGS:

Model	Marking	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)	$R_{i_{typ}}$ (Ω)	$R_{1_{max}}$ (Ω)
SMD1210-050	αF	13.2	100	0.5	1.00	0.6	8	0.10	0.180	0.400	0.900

Order Information**Packaging**

SMD1210	050	Tape & Reel Quantity	
Product name	Hold	Max	4000 pcs/reel
Size 3225 mm / 1210 mils	Current	voltage	
SMD: surface mount device	0.50A		

Recognition: UL Pending.