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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: SMD1210-005-60V
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2026/3/27
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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
 SMD1210-005 = αA

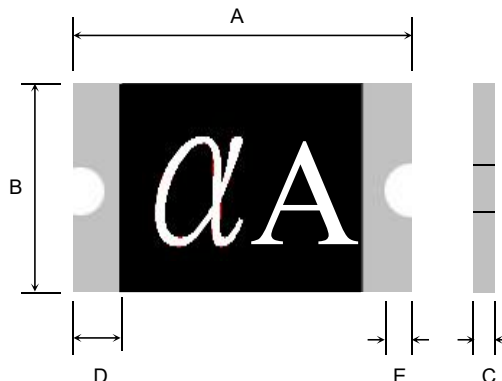


TABLE I. DIMENSIONS:

| Model | Marking | A | | B | | C | | D | E |
|-----------------|------------|------|------|------|------|------|------|------|------|
| | | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Min. |
| SMD1210-005-60V | αA | 3.00 | 3.43 | 2.35 | 2.80 | 0.40 | 0.90 | 0.30 | 0.10 |

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) | $R_{1_{max}}$ (Ω) |
| SMD1210-005-60V | αA | 60 | 100 | 0.05 | 0.15 | 0.6 | 0.25 | 1.50 | 2.800 | 50.000 |

Order Information

Packaging

| SMD1210 | 005-60V | Tape & Reel Quantity | |
|---------------------------|-----------------|----------------------|--|
| Product name | Hold Max | 4500 pcs/reel | |
| Size 3225 mm / 1210 mils | Current voltage | | |
| SMD: surface mount device | 0.05A | | |

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