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Techfuse
PTC Devices
 Resettable Fuse

PRODUCT: R60-250
 DOCUMENT: QR0429
 ECN. NO.:
 REV LETTER:
 REV DATE: 2014/12/29
 PAGE NO.: 1 of 1

Specification Sheet

Insulating Material:
 meets UL94 V-0 Requirements
 Lead-free,RoHS compliant
 Lead Material:
 Tin plated copper, 20AWG (0.032"Dia)

Marking:

- ChipFast Logo
- τ**
- R60 - Radial type 60V
- 250 - hold current
- XXXXY- Date code & Factory code

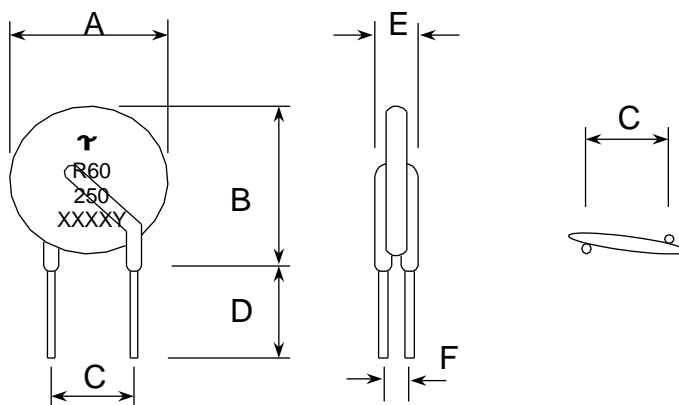


TABLE I. DIMENSIONS:

| | A | B | C | D | E | F |
|----|------|------|------|-----|-----|-----|
| | MAX | MAX | TYP | MIN | MAX | MAX |
| mm | 21.3 | 26.4 | 10.2 | 7.6 | 3.1 | 1.7 |

Lead Material :

R60-250: Tin-plated copper , 0.52mm² (20AWG), Φ0.81±0.02mm(0.032±0.00078 in).

TABLE II. PERFORMANCE RATINGS:

| Model | 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 _{imin} (Ω) | R _{imax} (Ω) | R _{1max} (Ω) |
| R60-250 | 60 | 40 | 2.50 | 5.00 | 2.50 | 12.50 | 15.6 | 0.04 | 0.08 | 0.13 |

Order information

Packing

| R60 | 250 | K or S | R or U | Model | Reel Q'ty | Bag Q'ty |
|---------------------|----------------------------|-------------------------------------|--|---------|-----------|----------|
| Radial type 60 V | Hold Current 2.50(A) | K=Kink leads S=Straight leads | R= Tape & Reel U= Bulk packaged | R60-250 | - | 500 |

Tape & Reel packaging per EIA468-B standard

Recognition UL / TÜV, appr UL FILE NO. E201504/E319079; TÜV FILE R 50274672

