



R47005-250

Features:

| |
|---|
| Size 2920 |
| Lead Free and compliant with the European Union |
| Fast tripping resettable circuit protection |
| Surface mount packaging for automated assembly |

Technical Specifications:

I_H Hold current maximum current device will pass without interruption in 25°C still air unless

I_T: Trip current: minimum current that will switch the device from low resistance, Resistance in 25°C still unless otherwise specified.

I_{max}. Maximum current device can VMAXIMAX 100 vcycles --- NO arcing or burning.

V_{max}: Maximum Voltage device can withstand without damage at rated current.

P_d: power dissipated from device when in the tripped state in 25°C still air unless otherwise specified .

R_{min}: Minimum resistance of device as supplied at 25°C unless otherwise specified.

R₁ max. Maximum device resistance in the nonstripped state 1 hour post reflow.

Approval:



| | | |
|----------------------|-------------------|-------------|
| SMT POLY FUSE | | SIZE |
| | | 2920 |
| Part No.: | R47005-250 | |
| Customer: | | |

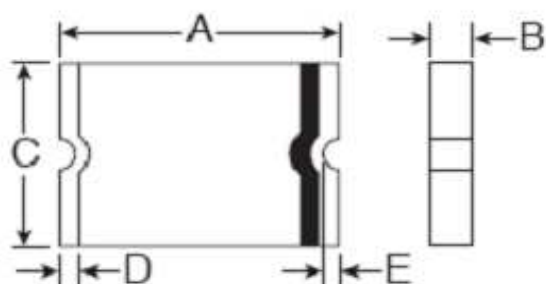
| | | | | | | | |
|-------|-------|------|--------|--------|--------|-------|------------|
| DRW: | Lexua | CHKD | Wilson | MATL: | ChuChu | DATE | 26.11.2014 |
| APPD: | Jimmy | | | FINISH | Josy | Sheet | 1 from 3 |

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Technical Drawing and Informations

Dimensions



| A (mm) | | B (mm) | | C (mm) | | D (mm) | | E (mm) | |
|--------|------|--------|------|--------|------|--------|------|--------|------|
| Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. |
| 7,40 | 8,00 | 5,05 | 5,45 | 0,500 | 1,20 | 1,20 | 1,80 | 0,550 | -- |

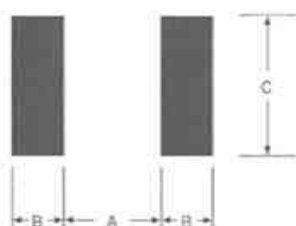
Performance Rating:

| Range | ICH | IT | V max | I m ax | Pd typ | Resistance: | | | |
|--------------|--------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|--|
| | (A) | (A) | (V DC) | (A) | (W) | Rmin (Ω) | Rtyp (Ω) | R1max (Ω) | |
| 2,50A | 2,500 | 5,00 | 15,0 | 40,0 | 1,50 | 0,010 | 0,06 | 0,13 | |

Information I should (A) (Temperatur Characteristics)

| A | -20°C | -10°C | 25°C | 30°C | 40°C | 50°C | 60°C | 70°C | 85°C |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 2,50A | 3,78 | 3,35 | 2,93 | 2,50 | 2,08 | 1,88 | 1,65 | 1,45 | 1,13 |

PAD Layout



| A (mm) | B (mm) | C (mm) |
|-------------|-------------|-------------|
| 4,60 | 2,00 | 5,30 |

SMT POLY FUSE SIZE
2920

Part No.: **R47005-250**

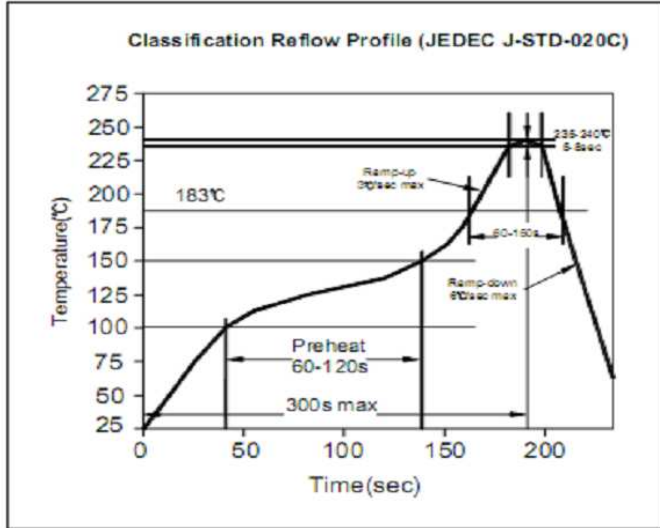
Customer:

| | | | | | | | |
|-------|-------|------|--------|--------|--------|-------|------------|
| DRW: | Lexua | CHKD | Wilson | MATL: | ChuChu | DATE | 26.11.2014 |
| APPD: | Jimmy | | | FINISH | Josy | Sheet | 2 from 3 |

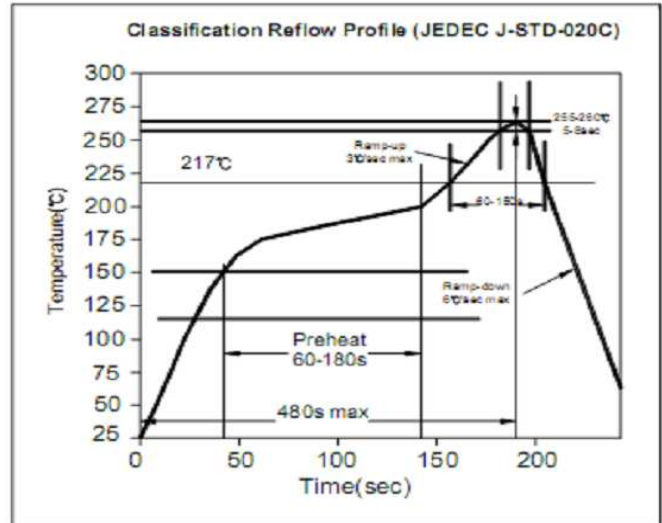


Soldering Information

Lead Solder Performance



Lead free Solder Performance



Ordering Informations:

| Item-No. & Range | ROHS | Packing |
|------------------|------|---------|
|------------------|------|---------|

| | | |
|-------------------|----------|-----------|
| R47005-250 | R | TR |
|-------------------|----------|-----------|

250 = 2,50A

| | |
|--------------------|----------------------------------|
| R= ROHS | TR= Tape / Reel Standard) |
| N= Non ROHS | |
| BU= Bulk | |

| | |
|----------------------|-------------------|
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| APPD: | Jimmi | | | FINISH | Josi | Sheet | 3 from 3 |

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