

30Z110

Radial Leaded PTC Resettable Fuse

Summary

- RoHS Compliant (Lead Free) Product

- Applications: Wide variety of electronic equipment
- Product Features: Low hold current, Solid state, Radial leaded product ideal for up to 30V
- Operation Current: 1.1 A
- Maximum Voltage: 30V
- Temperature Range : -40°C to 85°C

Electrical characteristics (23°C)

| Part Number | Hold Current | Trip Current | Max.Time to Trip | Maximum Current | Rated Voltage | Typical Power | Resistance Tolerance | |
|-------------|--------------|--------------|------------------|-----------------|---------------|---------------|----------------------|------|
| | | | | | | | RMIN | RMAX |
| | IH, A | IT, A | at 5xIH | IMAX, A | VMAX, Vdc | Pd, W | ohms | ohms |
| 30Z110 | 1.1 | 2.2 | 6.6 | 40 | 30 | 0.7 | 0.05 | 0.10 |

IH - Hold current-maximum current at which the device will not trip at 23 °C still air.

IT - Trip current-minimum current at which the device will always trip at 23°C still air.

VMAX - Maximum voltage device can withstand without damage at its rated current.

IMAX - Maximum fault current device can withstand without damage at rated voltage (VMAX).

Pd - Typical power dissipated from device when in tripped state in 23°C still air environment.

RMIN - Minimum device resistance at 23°C.

RIMAX - Maximum device resistance at 23 °C, 1 hour after tripping .

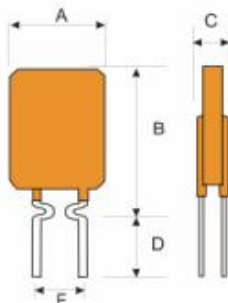
Physical specifications:

Lead material: Tin plated copper, 24 AWG.

Soldering characteristics: MIL-STD-202, Method 208E.

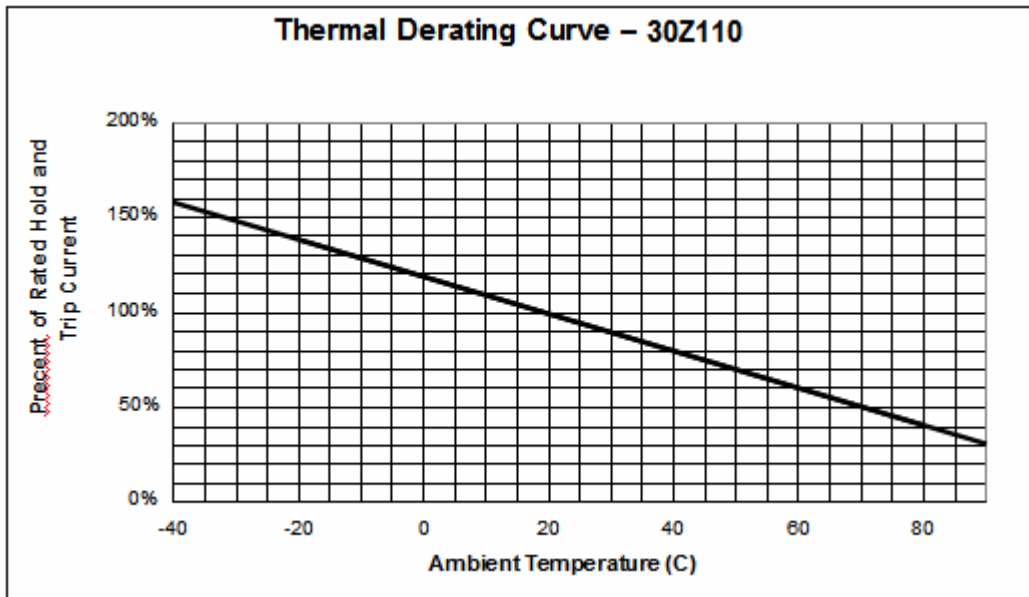
Insulating coating: Flame retardant epoxy, meets UL -94V-0 requirement.

Production Dimensions (millimetre)



| Part Number | A | B | C | D | E | Lead |
|-------------|---------|---------|---------|---------|---------|------|
| | Maximum | Maximum | Typical | Minimum | Maximum | Φ |
| 30Z110 | 7.4 | 14.2 | 3.0 | 7.6 | 5.1 | 0.5 |

Thermal Derating Curve



Typical Time-To-Trip at 23°C

