ZFUSE.RU

250Z040 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 250V
- Operation Current: 40mA
- Maximum Voltage: 250V
- Temperature Range : -40°C to 85°C

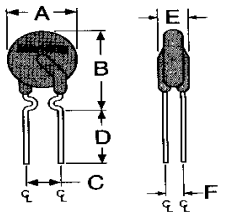
Electrical characteristics (23°C)

Part Number	Hold Current	Trip Current	Max.Time to Trip	Maximum Current	Rated Voltage	Typical Power	Resistance Tolerance	
							RMIN	RMAX
	IH, A	IT, A	0.35A	IMAX, A	VMAX, Vdc	Pd, W	ohms	ohms
250Z040	0.04	0.08	4	3	250	1.0	30	60

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.
R1MAX - Maximum device resistance at 23 °C, 1 hour after tripping .

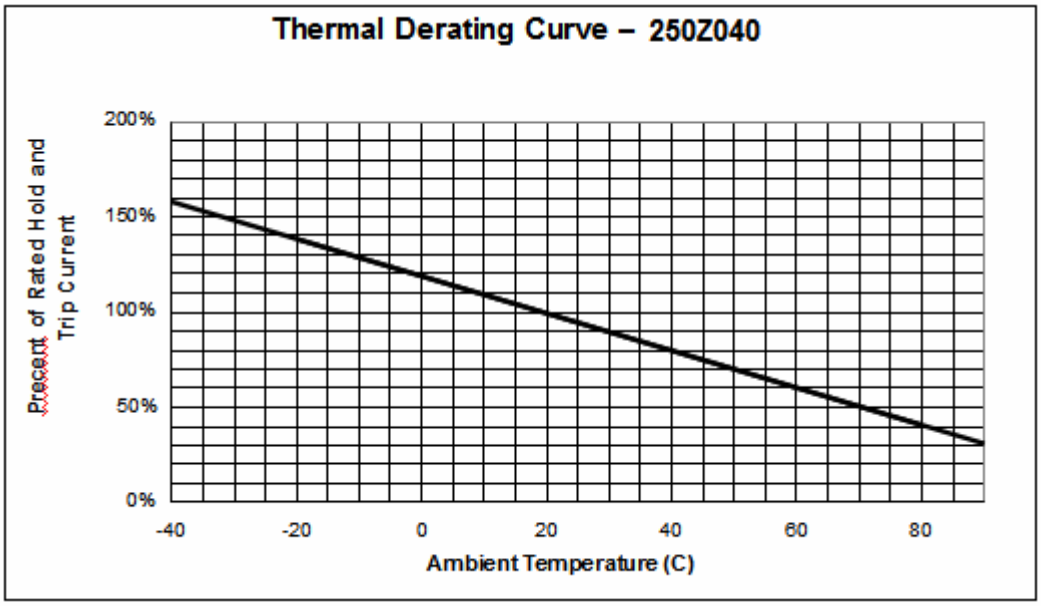
Physical specifications:
Lead material: Tin plated copper, 24 AWG.
Soldering characteristics: MIL-STD-202, Method 208E.
Insulating coating: Flame retardant epoxy, meets UL-94V-0 requirement.

Production Dimensions (millimetre)



Part Number	A	B	C	D	E	Lead
	Maximum	Maximum	Typical	Minimum	Maximum	Φ
250Z040	5.8	9.9	5.1	4.7	3.8	0.6

Thermal Derating Curve



Typical Time-To-Trip at 23°C