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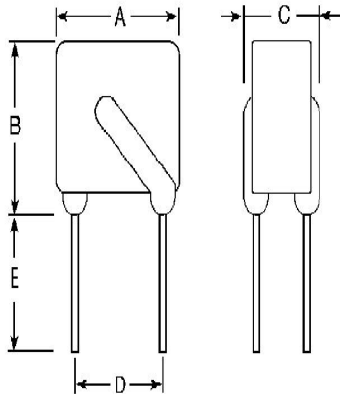
Polymer PTC Device

Radial leaded resettable fuse

KT265-550BL

Document:A7TD2
 Revision: 2.0
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Physical Dimensions: (mm)



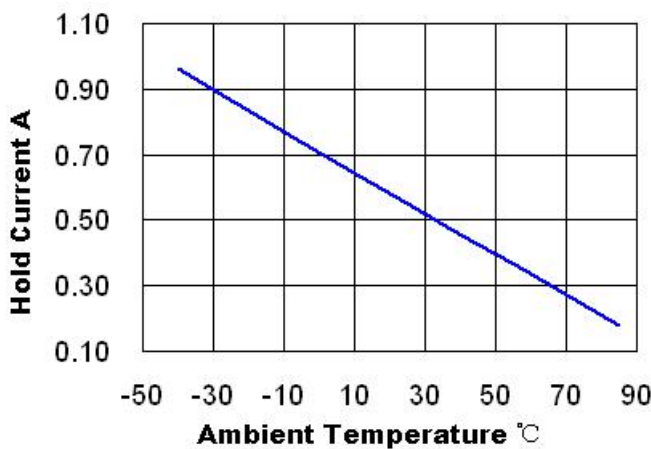
| A | B | C | D | E |
|------------|------------|-----------|-----------|------------|
| 12.5(Max.) | 19.0(Max.) | 5.0(Max.) | 5.1(TYP.) | 31.0(Max.) |

Lead Material: Tinned copper, $\Phi 0.80\text{mm}$

Encapsulation material: flame-retardant epoxy powder, meets UL94V-0 requirements

Electrical Characteristics:

| Part Number | I_{hold} (A) | I_{trip} (A) | V_{max} (V) | I_{max} (A) | T_{trip} | | R (Ω) | | $R_{1\text{max}}$ (Ω) |
|-------------|-----------------------|-----------------------|----------------------|----------------------|-------------------|-----------|------------------|-----|--------------------------------|
| | | | | | current (A) | Time (s) | min | max | |
| KT265-550BL | 0.5 | 1.0 | 265 | 5.0 | 3.0 | ≤ 12 | 1.7 | 3.5 | 7.0 |



I_{hold} = Hold Current: maximum current at which the device will not trip at 25 °C still air.

I_{trip} = Trip Current: minimum current at which the device will always trip at 25 °C still air.

V_{max} = Maximum voltage device can withstand without damage at rated current.

I_{max} = Maximum fault current device can withstand without damage at rated voltage.

T_{trip} = Maximum time to trip(s) at assigned current.

$R_{1\text{max}}$ = Maximum Device resistance at 25 °C, of device one hour after being tripped the first time.



| Prepare | Approval | Accept |
|---------|----------|--------|
| | | |