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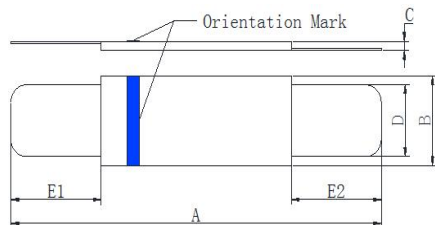
Polymer PTC Device

Strap resettable fuse

KT15-2600D

Document: GCC  
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## Physical Dimensions: (mm)



|     | A    | B   | C   | D   | E1  | E2  |
|-----|------|-----|-----|-----|-----|-----|
| Min | 21.0 | 4.9 | 0.5 | 3.9 | 4.0 | 4.0 |
| Max | 23.0 | 5.2 | 1.0 | 4.1 | 5.5 | 5.5 |

Lead Material: 1/4 h Nickel, 0.125mm in thickness

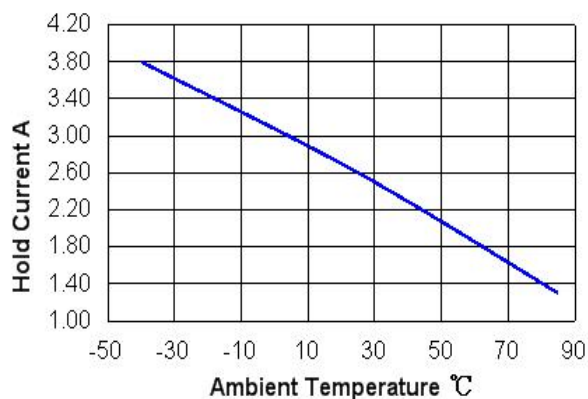
Encapsulation material: Polyester film, meets UL94V-0 requirements

## Electrical Characteristics:

| Part Number    | $I_{hold}$ (A) | $I_{trip}$ (A) | $V_{max}$ (V) | $I_{max}$ (A) | $T_{trip}$  |          | $R$ (m $\Omega$ ) |     | $R_{1max}$ (m $\Omega$ ) |
|----------------|----------------|----------------|---------------|---------------|-------------|----------|-------------------|-----|--------------------------|
|                |                |                |               |               | current (A) | Time (s) | min               | max |                          |
| KT15-2600D-GCC | 2.6            | 5.8            | 15            | 100           | 13          | <5.0     | 20                | 42  | 63                       |

Thermal Derating [Hold & Trip Current (A) at Ambient Temperature(°C)]

|            | 0°C | 25°C | 45°C | 60°C | 70°C | 80°C |
|------------|-----|------|------|------|------|------|
| $I_{hold}$ | 3.1 | 2.6  | 2.2  | 1.9  | 1.5  | 1.1  |
| $I_{trip}$ | 6.5 | 5.8  | 4.5  | 3.5  | 3.0  | 2.2  |



$I_{hold}$  = 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.

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



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