



GE Sensing

A COMMITMENT TO EXCELLENCE

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| | | |
|---|--|-------------|
| TEST SPECIFICATION | PART No. YQS8070 | ISSUE: A |
| CUSTOMER: Various | DATE: 1st June, 2010 | QUANTITY: |
| Customer P/N: Replacing YM120C30N601 | ORIGINATOR: M.J.Roberts | PAGE 1 OF 1 |

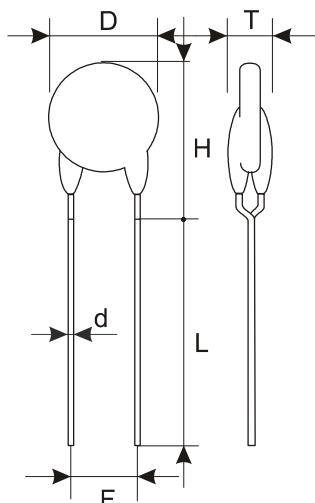
DESCRIPTION: PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

MECHANICAL SPECIFICATION

CONSTRUCTION: RESIN COATED CERAMIC DISC WITH UNINSULATED LEADWIRES. THICK FILM SILVER ELECTRODES

TERMINATIONS: TIN COATED COPPER WIRE, SIDE KINK

DIMENSIONS in mm. NTS: SEE DRAWING BELOW.



| | D | T | H | F | D | L |
|------------|----------|----------|----------|----------|----------|----------|
| Max | 4.0 | 5.0 | 8.0 | 6.0 | 0.66 | |
| Min | | | | 4.0 | 0.55 | 25 |

ELECTRICAL SPECIFICATION:

| | | |
|---|---------------------|-----|
| RESISTANCE AT 25°C, R ₂₅ : | 600Ω +/- 20% | (1) |
| SWITCHING TEMPERATURE, T _b : | 115 °C +/- 7 °C | (2) |
| MINIMUM TRIPPING CURRENT, I _t , T _{amb} =10°C: | 46mA | (3) |
| MAXIMUM NON-TRIPPING CURRENT, I _{nt} , T _{amb} =55°C: | 18mA | (3) |
| MAXIMUM OPERATING VOLTAGE, V _{max} : | 265V _{rms} | |
| MAXIMUM OVERLOAD CURRENT, I _{mo} : | 0.2A _{rms} | (4) |
| AMBIENT TEMPERATURE RANGE, | | |

STORAGE: -25 to +155°C
AT MAXIMUM VOLTAGE: +10 to +55°C

NOTES:

- (1) Measuring Current: 1mA max.
- (2) Resistance = 2 × Resistance minimum
- (3) 265V, still air
- (4) 265V

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| CHANGES SINCE LAST ISSUE: Δ | | | | | | | |
| Issue : | A | | | | | | |
| Date : | 1/06/10 | | | | | | |