



GE Sensing

A COMMITMENT TO EXCELLENCE

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TEST SPECIFICATION	PART No. YQS5868PTF	ISSUE: A
CUSTOMER: Various	DATE: 22 nd February, 2011	QUANTITY:
Customer P/N:	ORIGINATOR: M.J.Roberts	PAGE 1 OF 1

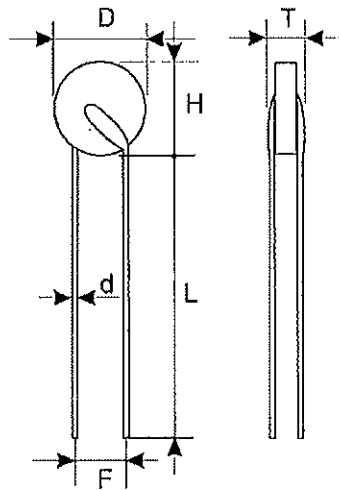
DESCRIPTION: PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

MECHANICAL SPECIFICATION

CONSTRUCTION: BARE CERAMIC DISC. THICK SILVER FILM ELECTRODES
UNINSULATED LEADWIRES.

TERMINATIONS: STRAIGHT TYPE, TIN COATED COPPER WIRE

DIMENSIONS in mm: SEE DRAWING AND TABLE BELOW.



	D	T	H	F	d	L
Max	13.5	5.1	14.0	6.0	0.66	
Min				4.0	0.55	25

ELECTRICAL SPECIFICATION

RESISTANCE AT 25°C, R_{25} : $50\Omega \pm 20\%$ (1)
 SWITCHING TEMPERATURE, T_b : $110 \pm 10^\circ\text{C}$ (2)
 MAXIMUM CURRENT AT 25°C, WITHOUT TRIPPING, I_{nt} : 80mA
 MINIMUM SWITCHING CURRENT AT 25°C, I_t : 170mA
 MAXIMUM OPERATING VOLTAGE, V_{max} : 120V
 AMBIENT TEMPERATURE RANGE:

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

NOTES:

- (1) Measuring current: 5mA max.
- (2) Resistance = 2 × Resistance minimum

CHANGES SINCE LAST ISSUE: Δ							
Issue :	A						
Date :	22/02/11						

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