



GE Sensing

A COMMITMENT TO EXCELLENCE

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TEST SPECIFICATION	GE PART No. YQS5855PTF	ISSUE: A
CUSTOMER: Various	DATE: 3rd March, 2010	QUANTITY:
Customer P/N:	ORIGINATOR: M.J.Roberts	PAGE 1 OF 1

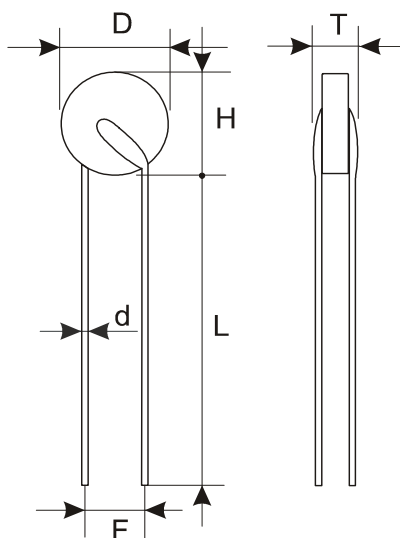
DESCRIPTION: PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

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	11.4	5.1	13.0	4.0	0.65	
Min				6.0	0.55	25

ELECTRICAL SPECIFICATION

RESISTANCE AT 25°C, R₂₅: 50Ω ± 20% (1)
 SWITCHING TEMPERATURE, T_b: 120 ± 10°C (2)
 NORMAL OPERATING VOLTAGE, V_{max}: 50Vdc
 TRIPPING CURRENT (I_t), at 25°C: 170mA
 MAXIMUM NON-TRIPPING CURRENT (I_{nt}), 55°C: 80mA
 AMBIENT TEMPERATURE RANGE,

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

NOTES:

- (1) Measuring current: 10mA max.
 (2) Resistance = 2 × Resistance minimum

CHANGES SINCE LAST ISSUE: Δ							
Issue :	A						
Date :	03/03/10						

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