



GE Sensing

A COMMITMENT TO EXCELLENCE

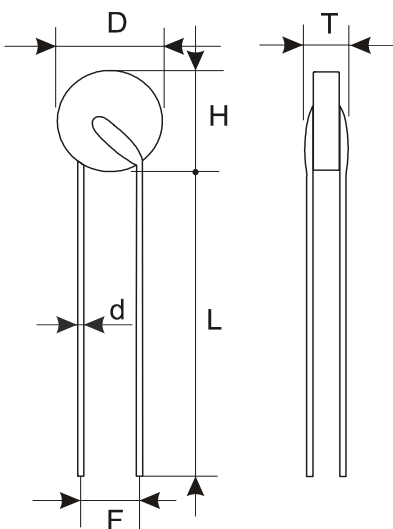
GE Sensing, Crown Industrial Estate, Priorswood Road, Taunton, Somerset, TA2 8QY, UK
Tel +44 (0) 1823 335200 Fax +44 (0) 1823 332637

TEST SPECIFICATION	PART No. YQS5853PTF	ISSUE: A
CUSTOMER: Various	DATE: 21st December, 2009	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 WITH UNINSULATED LEADWIRES.
 TERMINATIONS: STRAIGHT TYPE, TIN COATED COPPER WIRE
 DIMENSIONS in mm: SEE DRAWING BELOW



	D	T	H	F	d	L
Max	11.4	4.3	13.0	6.0	0.65	
Min				4.0	0.55	25

ELECTRICAL SPECIFICATION:

RESISTANCE AT 25°C, R₂₅: 10Ω ± 20% (1)
 SWITCHING TEMPERATURE, T_b: 120°C ± 10°C (2)
 MAXIMUM CURRENT WITHOUT TRIPPING (I_{nt}), T_{amb}=55°C: 170mA
 MINIMUM TRIP CURRENT (I_t), T_{amb}=25°C: 400mA
 MAXIMUM OPERATING VOLTAGE, V_{max}: 50V
 AMBIENT TEMPERATURE RANGE,
 STORAGE: - 25 to + 155°C
 AT MAXIMUM VOLTAGE: - 10 to + 55°C

NOTES:

- (1) Measuring Current: 1mA max.
- (2) Resistance = 2xRmin

CHANGES SINCE LAST ISSUE: Δ							
Issue :	A						
Date :	21/12/09						

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