



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. YQS5745PTO	ISSUE: A
CUSTOMER: Various	DATE: 25th February, 2010	QUANTITY:
Customer P/N:	ORIGINATOR: M.J.Roberts	PAGE 1 OF 1

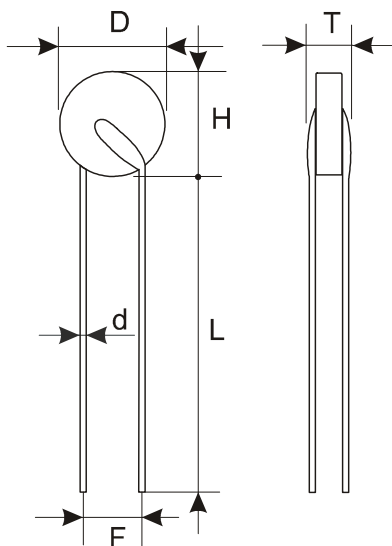
DESCRIPTION: PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

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	8.89	3.81	10.0	6.0	0.55	
Min				4.0	0.45	25

ELECTRICAL SPECIFICATION

RESISTANCE AT 25°C, R ₂₅ :	50Ω ± 30%	(1)
SWITCHING TEMPERATURE, T _b :	43 ± 7°C	(2)
MAXIMUM OPERATING VOLTAGE V _{max} :	25V	(3)
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 at 25 °C
- (3) T_{amb} = 55°C, still air.

CHANGES SINCE LAST ISSUE: Δ							
Issue :	A						
Date :	25/02/10						

The copyright in this Specification/Drawing/Document is the property of Thermometrics and the Specification/Drawing/Document is issued on the condition that it is not copied, reprinted, stored in an electronic retrieval system or reproduced, nor its contents disclosed either wholly or in part to any Third Party without either the consent in writing of or in accordance with the conditions of a contract with Thermometrics@GE THERMOMETRICS.