



# GE Sensing

A COMMITMENT TO EXCELLENCE

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<b>TEST SPECIFICATION</b>	PART No. <b>YQS5745PTO</b>	ISSUE: A
CUSTOMER: <b>Various</b>	DATE: <b>25<sup>th</sup> February, 2010</b>	QUANTITY:
Customer P/N:	ORIGINATOR: <b>M.J.Roberts</b>	PAGE 1 OF 1

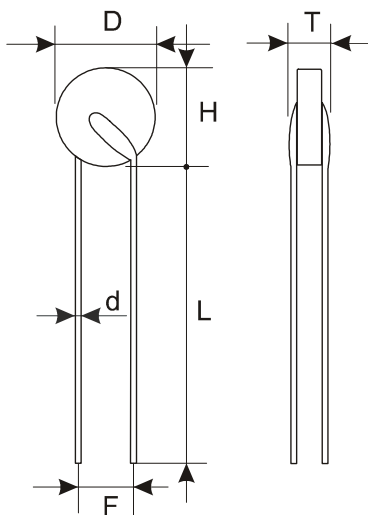
**DESCRIPTION:** PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

## 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
<b>Max</b>	8.89	3.81	10.0	6.0	0.55	
<b>Min</b>				4.0	0.45	25

## ELECTRICAL SPECIFICATION

RESISTANCE AT 25°C, R<sub>25</sub>: 50Ω ± 30% (1)

SWITCHING TEMPERATURE, T<sub>b</sub>: 43 ± 7°C (2)

MAXIMUM OPERATING VOLTAGE V<sub>max</sub>: 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<sub>amb</sub> = 55°C, still air.

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