



# GE Sensing

A COMMITMENT TO EXCELLENCE

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<b>TEST SPECIFICATION</b>	PART No. <b>YQS5934PTO</b>	ISSUE: A
CUSTOMER: <b>Various</b>	DATE: <b>22<sup>nd</sup> March, 2010</b>	QUANTITY:
Customer P/N:	ORIGINATOR: <b>M.J.Roberts</b>	PAGE 1 OF 1

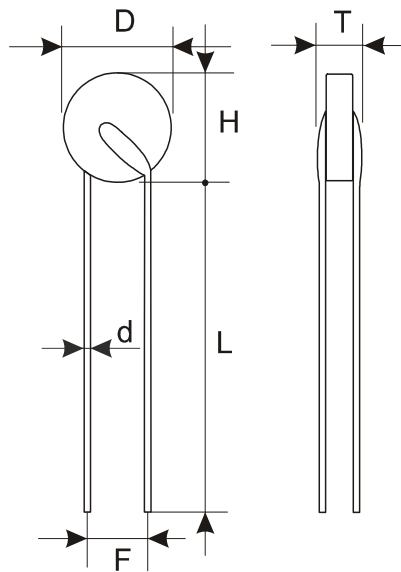
**DESCRIPTION:** PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

## 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	F	d	L
<b>Max</b>	8.89	7.62	7.85	0.85	
<b>Ref.</b>			6.35	0.80	
<b>Min</b>			5.35	0.75	25

## ELECTRICAL SPECIFICATION

RESISTANCE AT 25°C, R<sub>25</sub>: 5KΩ ± 30% (1)

SWITCHING TEMPERATURE, T<sub>b</sub>: 102 ± 7°C (2)

MAXIMUM OPERATING VOLTAGE, V<sub>max</sub>: 480V

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 :	22/03/10						