



# GE Sensing

A COMMITMENT TO EXCELLENCE

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<b>TEST SPECIFICATION</b>	GE PART No. <b>YQS5749PTO</b>	ISSUE: A
CUSTOMER: Various	DATE: <b>19<sup>th</sup> January, 2010</b>	QUANTITY:
Customer P/N:	ORIGINATOR: M.J.Roberts	PAGE 1 OF 1

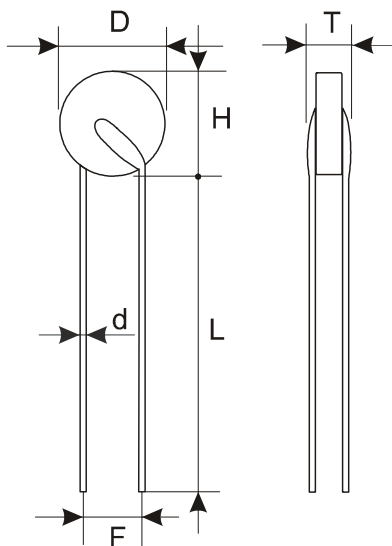
**DESCRIPTION:** PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

## 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
<b>Max</b>	8.89	3.81	12.0	6.0	0.56	
<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> :	80 ± 7°C	(2)
MAXIMUM OPERATING VOLTAGE:	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 minimum
- (3) T<sub>amb</sub> = 55°C, still air.

CHANGES SINCE LAST ISSUE: Δ							
Issue :	A						
Date :	19/01/10						

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