



# 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

<b>TEST SPECIFICATION</b>	GE PART No. <b>YQS5878PTF</b>	ISSUE: A
CUSTOMER: Various	DATE: <b>1<sup>st</sup> September, 2010</b>	QUANTITY:
Customer P/N:	ORIGINATOR: M.J.Roberts	PAGE 1 OF 1

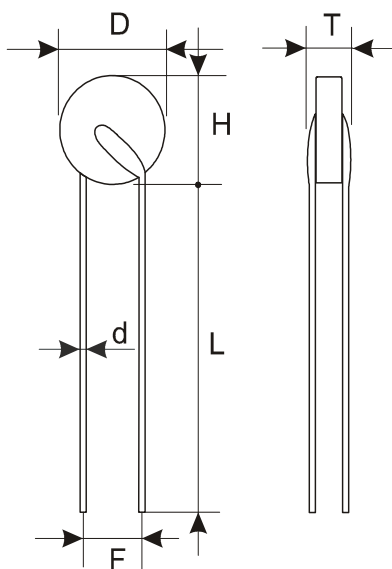
**DESCRIPTION:** PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

## 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.



	<b>D</b>	<b>T</b>	<b>F</b>	<b>d</b>	<b>L</b>
<b>Max</b>	16.5	6.9	11.0	1.05	
<b>Min</b>			8.0	0.95	25

## ELECTRICAL SPECIFICATION

RESISTANCE AT 25°C,  $R_{25}$ : 250Ω ± 20% (1)  
 SWITCHING TEMPERATURE,  $T_b$ : 115 ± 10°C (2)  
 MAXIMUM CURRENT AT 55°C, WITHOUT TRIPPING,  $I_{nt}$ : 45mA  
 MINIMUM SWITCHING CURRENT AT 25°C,  $I_t$ : 120mA  
 MAXIMUM OPERATING VOLTAGE,  $V_{max}$ : 240V  
 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 :	01/09/10						

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