



GE Sensing ENT TO EXCELLENCE COMMITMENT

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TEST SPECIFICATION	PART No. YQS8067	ISSUE: D
CUSTOMER: Various	DATE: 6 <sup>th</sup> January, 2010	QUANTITY:
Replacement for YM120D105N600	ORIGINATOR: M.J.Roberts	PAGE 1 OF 1

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

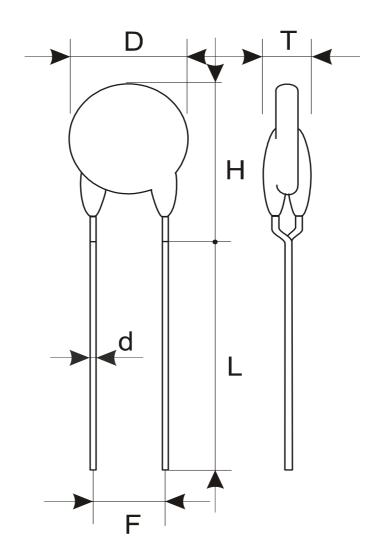
## **MECHANICAL SPECIFICATION**

**CONSTRUCTION:** SILICONE COATED CERAMIC DISC WITH UNINSULATED LEADWIRES

THICK FILM SILVER ELECTRODES

**TERMINATIONS:** TIN COATED COPPER WIRE

DIMENSIONS in mm NTS: SEE DRAWING BELOW.



	D	Т	Н	F	d	L
Max	6.0	4.5	12.0	6.0	0.66	
Min				4.0	0.55	25

CHANGES SINCE LAST ISSUE: $\Delta$							
Issue:	A	В	C	D			
Date :	01/12/09	11/12/09	11/12/09	7/1/10			

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## **ELECTRICAL SPECIFICTION:**

RESISTANCE AT 25°C, R<sub>25</sub>:  $20\Omega \pm 20\%$ (1) SWITCHING TEMPERATURE, Tb:  $110^{\circ}\text{C} \pm 7^{\circ}\text{C}$ (2) MAXIMUM CURRENT WITHOUT TRIPPING, Tamb=55°C 65mA (3) MINIMUM TRIP CURRENT, Tamb=10°C:..... 144mA (3) MAXIMUM INRUSH CURRENT, Imo ...... 0.6A (4)MAXIMUM OPERATING VOLTAGE, Vmax: 265V AMBIENT TEMPERATURE RANGE,

> STORAGE  $-25 \text{ to} + 155^{\circ}\text{C}$ AT MAXIMUM VOLTAGE  $+10 \text{ to} + 55^{\circ}\text{C}$

## **NOTES:**

- (1). Measuring Current: 1mA max.
- (2)  $Resistance = 2 \times Resistance minimum$
- (3) 265V, still air
- (4) 265V