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[Amphenol Advanced Sensors \(formerly GE Sensing\)](#)  
[YS5921PTO](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**GE Sensing**  
A COMMITMENT TO EXCELLENCE

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<b>TEST SPECIFICATION</b>	GE PART No. <b>YS5921PTO</b>	ISSUE: A
CUSTOMER: <b>Various</b>	DATE: <b>24<sup>th</sup> March, 2010</b>	QUANTITY:
<b>Customer P/N:</b>	ORIGINATOR: <b>M.J.Roberts</b>	PAGE 1 OF 1

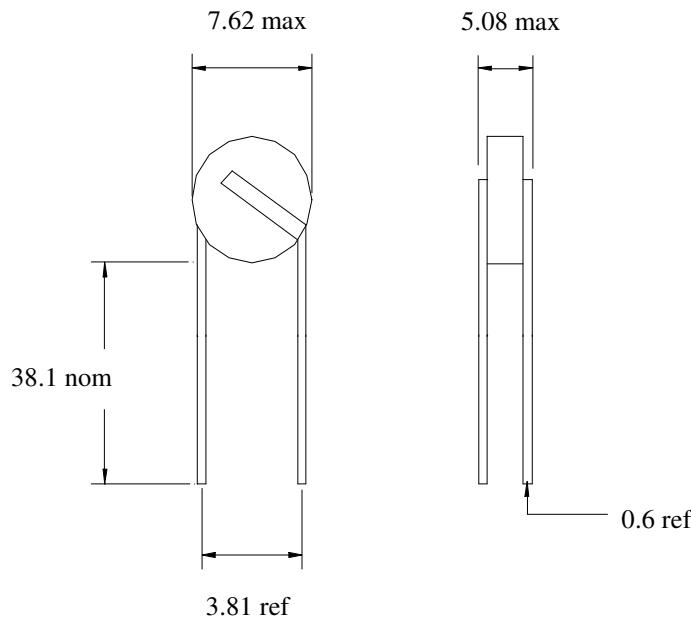
**DESCRIPTION:** PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

## MECHANICAL SPECIFICATION

**CONSTRUCTION: BARE CERAMIC DISC WITH UNINSULATED LEADWIRES  
THICK FILM SILVER ELECTRODES**

TERMINATIONS: TIN COATED COPPER WIRE

DIMENSIONS in mm NTS: SEE DRAWING BELOW.



## **ELECTRICAL SPECIFICATION:**

RESISTANCE AT 25°C,  $R_{25}$ :  $200\Omega \pm 30\%$  (1)

SWITCHING TEMPERATURE,  $T_b$ :  $120^\circ\text{C} \pm 7^\circ\text{C}$  (2)

MAXIMUM OPERATING VOLTAGE, V<sub>max</sub>, Tamb 55°C: 120V

#### AMBIENT TEMPERATURE RANGE.

STORAGE: -25 to +155°C

AT MAXIMUM VOLTAGE:  $\pm 10$  to  $\pm 55^\circ\text{C}$

## NOTES

### (1) Measuring current: 5mA max

(2) *Resistance*  $\equiv 2 \times$  *Resistance minimum*