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[Amphenol Advanced Sensors \(formerly GE Sensing\)](#)
[YS5876PTF](#)

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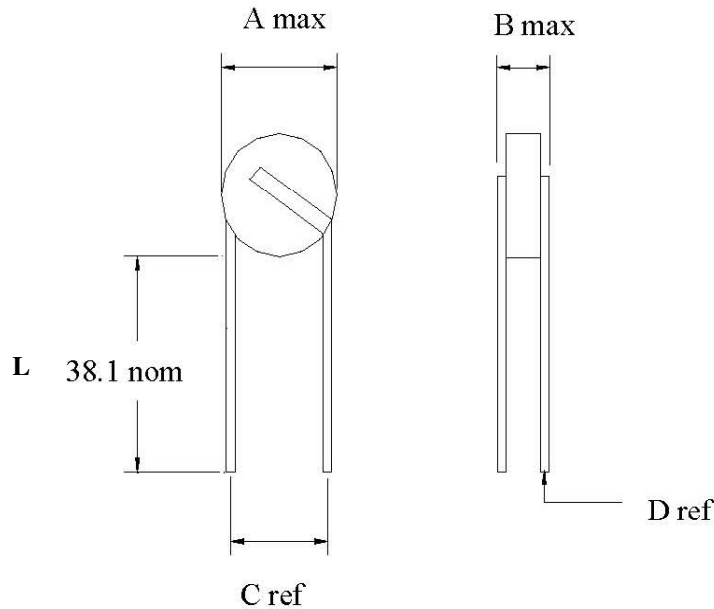
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TEST SPECIFICATION	PART No. YS5876PTF	ISSUE: A
CUSTOMER: Various	DATE: 24th February, 2010	QUANTITY:
Customer P/N:	ORIGINATOR: M.J.Roberts	PAGE 1 OF 1

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

MECHANICAL SPECIFICATION

- CONSTRUCTION: BARE CERAMIC DISC WITH UNINSULATED LEADWIRES.
THICK FILM SILVER ELECTRODES
- TERMINATIONS: STRAIGHT TYPE, TIN COATED COPPER WIRE
- DIMENSIONS in mm: SEE DRAWING BELOW.



A (max) mm	B (max) mm	C (ref.) mm	D (ref) mm	L (min) mm
16.5	6.9	8.4	1.0	38.1

ELECTRICAL SPECIFICATION:

RESISTANCE AT 25°C, R ₂₅ :	50 ± 20%	(1)
SWITCHING TEMPERATURE, T _b :	120°C ± 10°C	(2)
MAXIMUM CURRENT WITHOUT TRIPPING (I _{nt}), T _{amb} =25°C	140mA	(3)
..... T _{amb} =55°C	100mA	
MINIMUM TRIP CURRENT (I _t), T _{amb} =25°C:	210mA	
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: 1mA max.
- (2) Resistance – 2 x Resistance minimum
- (3) Voltage limit of supply 245Vrms; duration 10 min; still air

CHANGES SINCE LAST ISSUE: Δ

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