



GE Sensing

A COMMITMENT TO EXCELLENCE

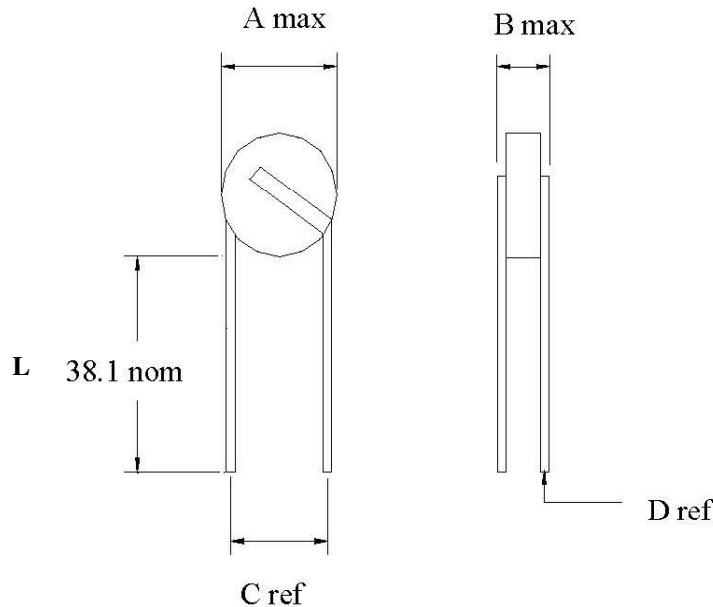
GE Sensing, Crown Industrial Estate, Priorswood Road, Taunton, Somerset, TA2 8QY, UK
Tel +44 (0) 1823 335200 Fax +44 (0) 1823 332637

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, R₂₅: 50 ± 20% (1)
- SWITCHING TEMPERATURE, T_b : 120°C ± 10°C (2)
- MAXIMUM CURRENT WITHOUT TRIPPING (Int), T_{amb}=25°C 140mA (3)
- T_{amb}=55°C 100mA
- MINIMUM TRIP CURRENT (It), 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