Amphenol Advanced Sensors
Amphenol Thermometrics (UK) Ltd., Crown Industrial Estate,
Priorswood Road, Taunton, Somerset, TA2 8QY, UK
Tel +44 (0) 1823 335200 Fax +44 (0) 1823 332637

TEST SPECIFICATION	PART No. **YS4020**	ISSUE: B
CUSTOMER: **Various**	DATE: **9th May 2014**	QUANTITY :
Customer P/N:	ORIGINATOR: **M.J.Roberts**	PAGE 1 OF 2

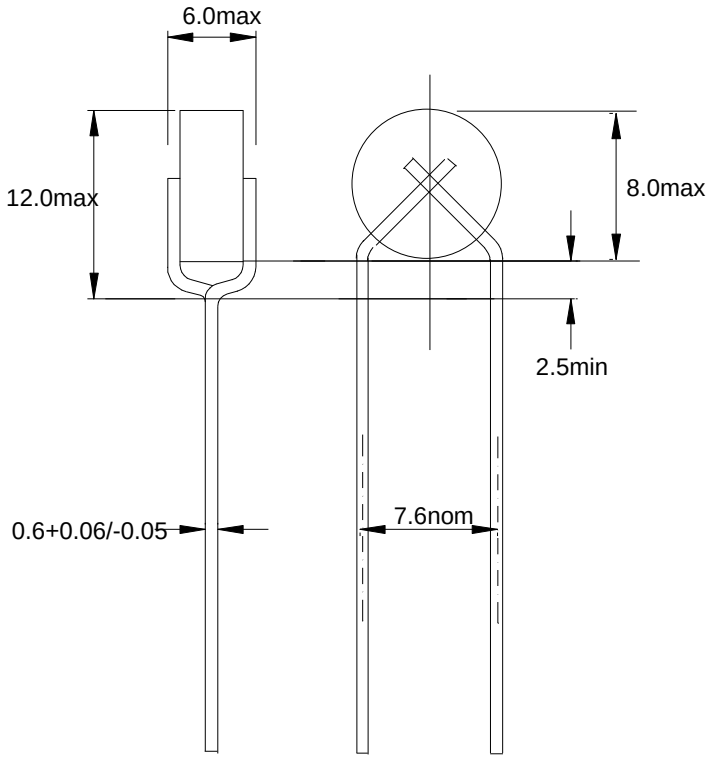
DESCRIPTION: PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

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



CHANGES SINCE LAST ISSUE: Δ Update to Amphenol							
Issue :	A	B					
Date :	26/02/10	9/05/14					

ELECTRICAL SPECIFICATION:

RESISTANCE AT 25 °C	:	1.1kΩ ± 20%	(1)
RESISTANCE, -20°C to +55°C	:	2.0kΩ max.	(1)
SWITCHING TEMPERATURE	:	80 ± 10°C	(2)
MAXIMUM VOLTAGE (V_{MAX})	:	1000Vrms	
MAXIMUM INRUSH CURRENT	:	0.6A rms approx	(3)
RESIDUAL CURRENT AT V_{MAX} (I_r)	:	2.0mA max.	(4)
AMBIENT TEMPERATURE RANGE			
at maximum voltage	:	-20 to +60°C	
storage	:	-25 to +125°C	

NOTES:

(1) Measuring current : 1mA max.

(2) Resistance = 2 × Resistance minimum.

(3) V = Vmax. R_{series} = 1.0kΩ.

(4) Mounting for test: Device held in test clips, leadlength from disc head to clip: 10mm. Measurement made in still air, T_{amb} = 25°C.