



Amphenol Advanced Sensors

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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

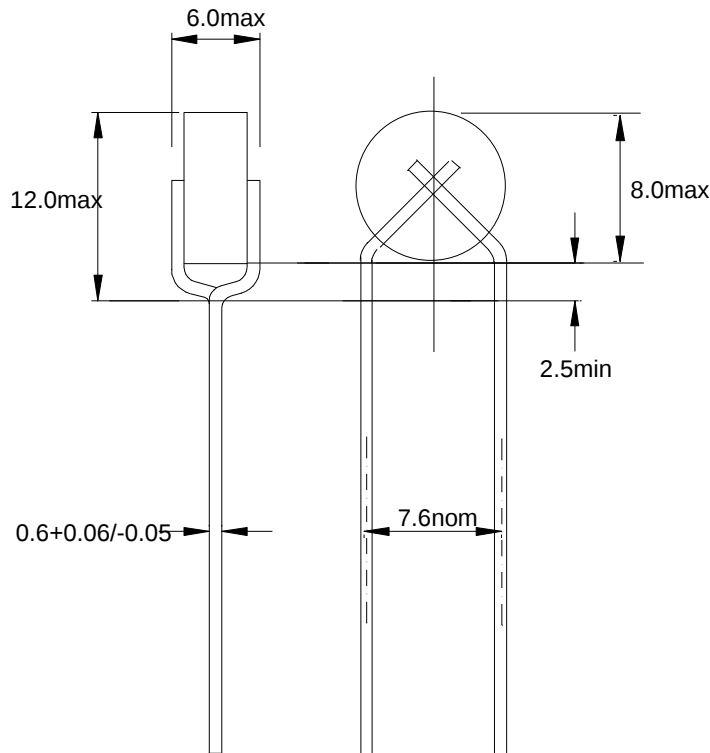
DESCRIPTION: PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

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



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

ELECTRICAL SPECIFICATION:

RESISTANCE AT 25 °C	:	1.1k Ω $\pm$ 20%	(1)
RESISTANCE, -20°C to +55°C	:	2.0k Ω max.	(1)
SWITCHING TEMPERATURE	:	80 $\pm$ 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 $\times$ Resistance minimum.*
- (3) *V = Vmax. R_{series} = 1.0k Ω .*
- (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.*