



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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

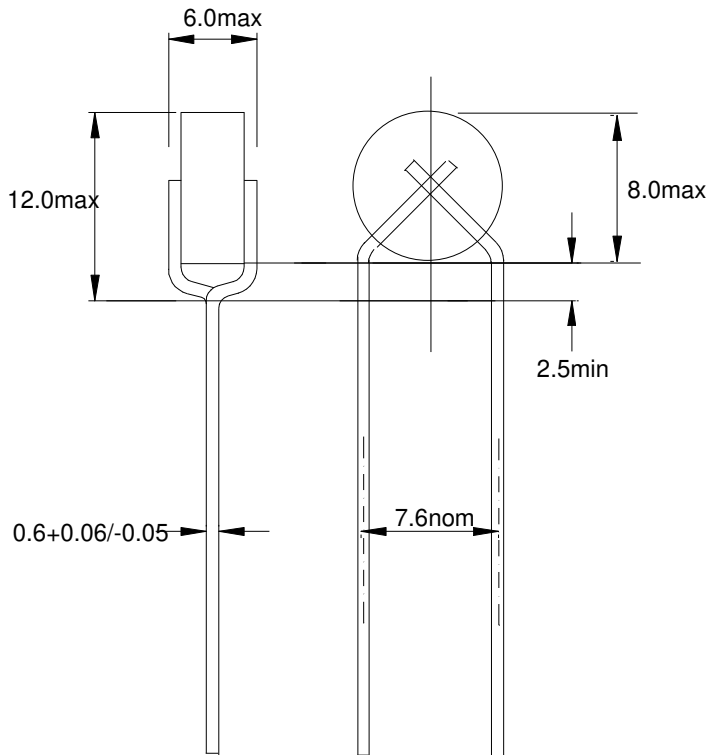
DESCRIPTION: PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

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



The copyright in this Specification/Drawing/Document is the property of Amphenol Thermometrics (UK) Ltd and the Specification/Drawing/Document is issued on the condition that it is not copied, reprinted, stored in an electronic retrieval system or reproduced, nor its contents disclosed either wholly or in part to any Third Party without either the consent in writing of or in accordance with the conditions of a contract with Amphenol Thermometrics (UK) Ltd. © AMPHENOL THERMOMETRICS (UK) LTD.

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 _F)	:	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.*