



GE Sensing

A COMMITMENT TO EXCELLENCE

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TEST SPECIFICATION	PART No. YQS8068	ISSUE: A
CUSTOMER: Various	DATE: 8th January, 2010	QUANTITY :
Replacement for YM120C80N101	ORIGINATOR: M.J.Roberts	PAGE 1 OF 1

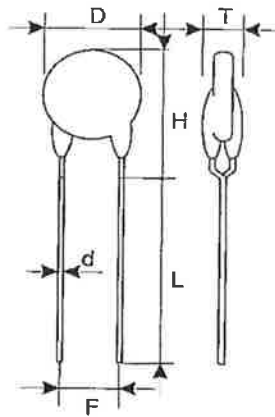
DESCRIPTION: PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

MECHANICAL SPECIFICATION

CONSTRUCTION: SILICONE COATED CERAMIC DISC WITH UNINSULATED LEADWIRES
THICK FILM SILVER ELECTRODES

TERMINATIONS: TIN COATED COPPER WIRE

DIMENSIONS in mm NTS: SEE DRAWING BELOW.



	D	T	H	F	d	L
Max	5.5	5.0	12.0	6.0	0.65	
Min				4.0	0.55	25

ELECTRICAL SPECIFICATION:

RESISTANCE AT 25°C, R ₂₅ :	100Ω ± 20%	(1)
SWITCHING TEMPERATURE, T _b :	120°C ± 5°C	(2)
MAXIMUM CURRENT WITHOUT TRIPPING, T _{amb} =55°C	50mA	(3)
MINIMUM TRIP CURRENT, T _{amb} =10°C:.....	108mA	(3)
MAXIMUM INRUSH CURRENT, I _{mo}	0.4A	(4)
MAXIMUM OPERATING VOLTAGE, V _{max} :	265V	
AMBIENT TEMPERATURE RANGE,		
STORAGE	- 25 to + 155°C	
AT MAXIMUM VOLTAGE	+10 to + 55°C	

NOTES:

- (1) Measuring Current: 1mA max.
- (2) Resistance = 2 × Resistance minimum
- (3) 265V, still air
- (4) 265V

CHANGES SINCE LAST ISSUE: Δ						
Issue :	A					
Date :	08/01/10					

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