



GE Sensing

A COMMITMENT TO EXCELLENCE

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TEST SPECIFICATION	PART No. YQS8069	ISSUE: A
CUSTOMER: Various	DATE: 24th February, 2010	QUANTITY:
Replaces YM120C45N301	ORIGINATOR: M.J.Roberts	PAGE 1 OF 1

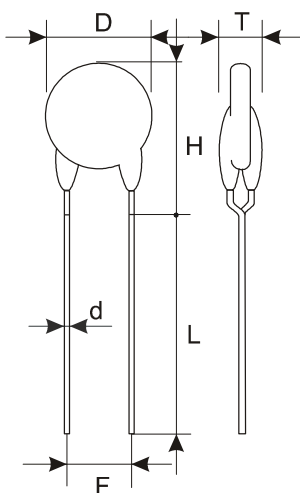
DESCRIPTION: PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

MECHANICAL SPECIFICATION

CONSTRUCTION: ORGANIC RESIN COATED CERAMIC DISC WITH UNINSULATED LEADWIRES. THICK FILM SILVER ELECTRODES

TERMINATIONS: TIN COATED COPPER WIRE, SIDE KINK

DIMENSIONS in mm. NTS: SEE DRAWING BELOW.



	D	T	H	F	d	L
Max	4.0	5.0	9.0	6.0	0.66	
Min				4.0	0.55	25

ELECTRICAL SPECIFICATION:

RESISTANCE AT 25°C, R ₂₅ ,	300Ω +/- 20%	(1)
SWITCHING TEMPERATURE, T _b for ref at 2 x R min:	120°C +/- 7 °C	(2)
MINIMUM TRIPPING CURRENT (I _t) at T _{amb} 10°C:	62mA	(3)
MAXIMUM NON-TRIPPING CURRENT (I _{nt}) at T _{amb} 55°C:	26mA	(3)
MAXIMUM OPERATING VOLTAGE V _{max} :	265V _{rms}	
MAXIMUM OVERLOAD CURRENT (I _{mo}):	0.2A _{rms}	(4)
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 :	24/02/10						