



GE Sensing

A COMMITMENT TO EXCELLENCE

GE Sensing, Crown Industrial Estate, Priorswood Road, Taunton, Somerset, TA2 8QY, UK
Tel +44 (0) 1823 335200 Fax +44 (0) 1823 332637

TEST SPECIFICATION	PART No. YQS8065	ISSUE: A
CUSTOMER: Various	DATE: 8th July, 2010	QUANTITY:
Customer P/N: Replacing YM120D200N200	ORIGINATOR: M.J.Roberts	PAGE 1 OF 1

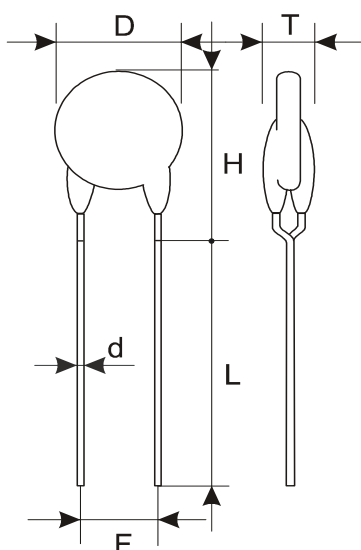
DESCRIPTION: PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

MECHANICAL SPECIFICATION

CONSTRUCTION: 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	9.5	4.5	15.0	6.0	0.66	
Min				4.0	0.55	38.1

ELECTRICAL SPECIFICATION:

RESISTANCE AT 25°C, R ₂₅ :	20Ω ± 20%	(1)
SWITCHING TEMPERATURE, T _b :	115°C ± 7°C	(2)
MAXIMUM CURRENT WITHOUT TRIPPING, I _{nt} , T _{amb} =55°C:	130mA	(3)
MINIMUM TRIP CURRENT, T _{amb} =10°C:	298mA	(4)
MAXIMUM INRUSH CURRENT, I _{mo} :	1.3Arms	
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) 245V, duration of 10 mins, still air
- (4) 245V, still air 10 °C ambient

CHANGES SINCE LAST ISSUE: Δ							
Issue :	A						
Date :	8/07/10						