



GE Sensing

A COMMITMENT TO EXCELLENCE

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TEST SPECIFICATION	PART No. YQS8121T	ISSUE: A
CUSTOMER: Various	DATE: 8th April, 2010	QUANTITY:
Replacement for YPCL0120T	ORIGINATOR: M.J.Roberts	PAGE 1 OF 2

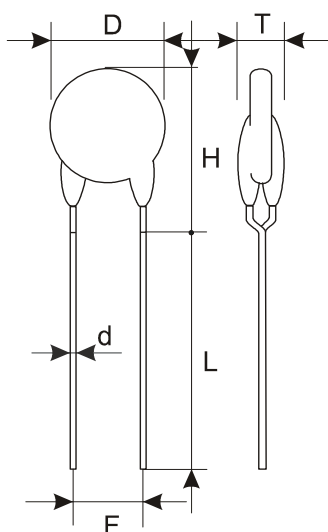
DESCRIPTION: PTC THERMISTOR INTENDED FOR USE AS A CURRENT LIMITING PROTECTION DEVICE

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	6.5	5.0	12.0	6.0	0.66	
Min				4.0	0.54	25

ELECTRICAL SPECIFICATION:

RESISTANCE AT 25°C, R ₂₅ :	120Ω +/- 25%	(1)
SWITCHING TEMPERATURE, Tb:	110°C	(2)
TRIPPING CURRENT (It):	80mA	(3)
MAXIMUM NON-TRIPPING CURRENT (Int):	35mA	(3)
MAXIMUM VOLTAGE V _{max} :	265V _{rms}	
MAXIMUM RESIDUAL CURRENT with V _{max} (I _{res}):	10mA	(3)
MAXIMUM OVERLOAD CURRENT (I _{mo}):	0.4A	(4)
AMBIENT TEMPERATURE RANGE,		

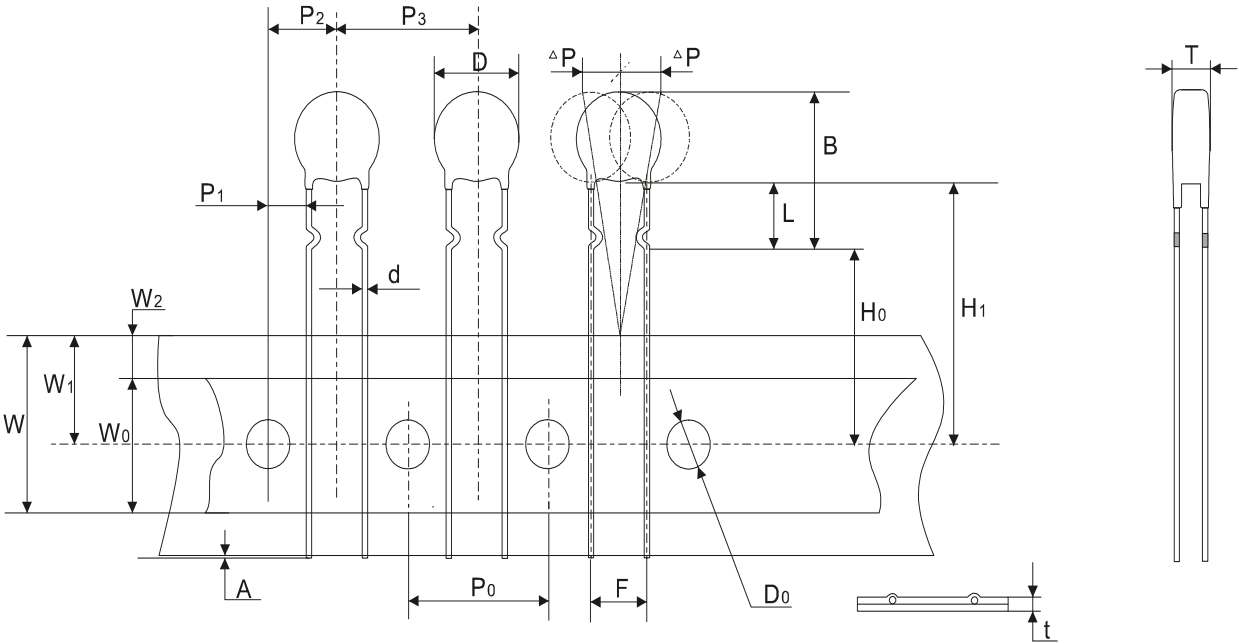
STORAGE:	-40 to +125°C
AT MAXIMUM VOLTAGE:	0 to +60°C

NOTES:

- (1) Measuring Current: 1mA max. (2) Resistance = 2 × Resistance minimum
(3) still air, 25 °C (4) 265V_{rms}

CHANGES SINCE LAST ISSUE: Δ							
Issue :	A						
Date :	08/04/10						

PACKING: TAPE AND REEL (Dimensions in mm)



ITE	P0	F	A	D0	t	W
Nor	12.7	5.0	1max	4	0.6	18
TOL	±0.3	+0.5		±0.2	±0.2	±1
ITE	P2	P1	P3	ΔP	Δh	L
Nor	6.35	3.85	12.7	±1.5	2.0max	5
TOL	±1.3	±0.8				±1
ITE	W0	W1	W2	H0	H1	d
Nor	12	9	3	16	21	0.60
TOL	±1	±1	±1	±0.5	±0.5	±0.05

	D	T
Max	6.5	5.0
Min		

Quantity: 1000PCS/tape and reel