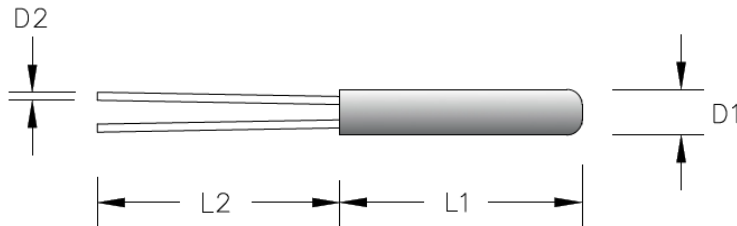


Datasheet

Wire Wound Detector: 1.5mmØ x 8.0mm long – 1/10th Class B (or DIN B)



Part No: 174-6358

Wire Wound RTD suitable for general applications requiring long term stability, platinum coil construction sealed inside a high purity alumina ceramic body

Ceramic body diameter:	D1 = 1.5mm ±0.03
Ceramic body length:	L1 = 8mm ±0.5
Lead wire diameter:	D2 = 0.26mm ±0.01
Lead wire length:	L2 = 8mm ±0.5
Nominal resistance:	100 Ohm @ 0 °C
Tolerance Class:	1/10th Class B (or DIN B) 0°C=±0,3 /10 (± 0,03°C) Note: this is a divided value 1/10 th of W0.3 Class B to IEC 60751:2008 which is not a standardised class within this standard
Temperature range:	-200 to +660°C (recommended useable bandwidth for 1/10 th Class B – 0 to 150°C)
Response Time:	Flowing water @ 1m/s: t0.5 0.1 t0.9 0.3
Temperature coefficient:	Tc = 3850 ppm/K
Leads:	Platinum
Self heating: 0°C (K/mW):	< 0.3
Measuring current:	1 mA