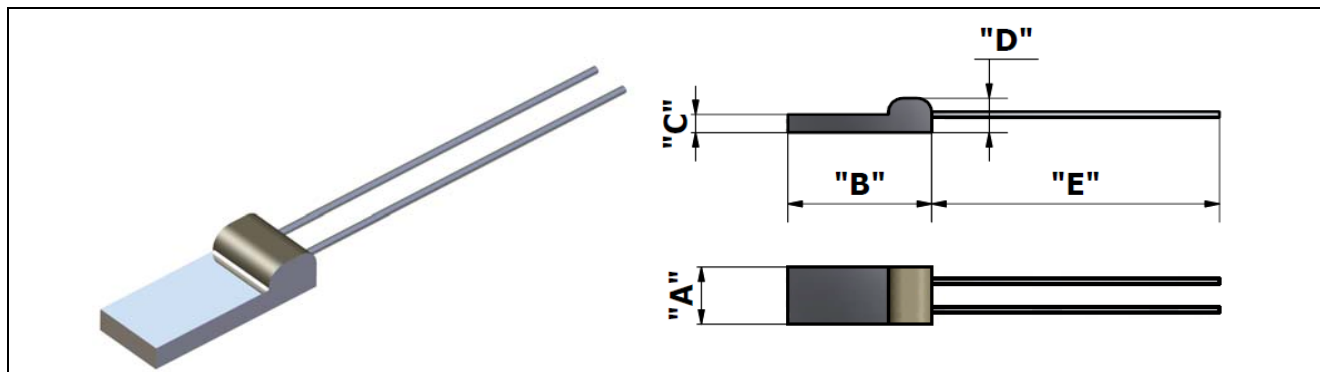




Data sheet SENSING ELEMENT

ENGLISH

RS Stock No. 181-2056



FLAT PT500Ω THERMIC ELEMENT

RANGE :

- 50°C / +600°C

USE :

- Heating, air conditioning, test, energy, prototype...

KEY POINT :

- Primary sensitive element

SPECIFICATIONS:

- PT500Ω thermic element - B Class
- Platinum coat on substratum ceramic
- Platinum nickel wires

DIMENSIONS:

- Probe length B = 5mm ±0.2
- Probe width A = 2m ±0.2
- Wires length E = 10mm ±1
- Wires diameter = 0.2 ±0.02
- Probe thickness C = 0.63mm ±0.1 & "D" = 1.2±0.3mm

METROLOGICAL DATA :

- As per IEC 751
- Standard tolerance PT100 A class : ±0.15 + 0.002.[t°C]
- Timing =
Water (v=0.4m/s): T0.5=0.25s ; T0.9=0.70s
Air (v=1m/s): T0.5=5.5 ; T0.9=16s

Other Dimensions :

Precision	CLA	CLB
Substrat length "B"		
5mm	181-2062	181-2056
10 mm	181-2040	