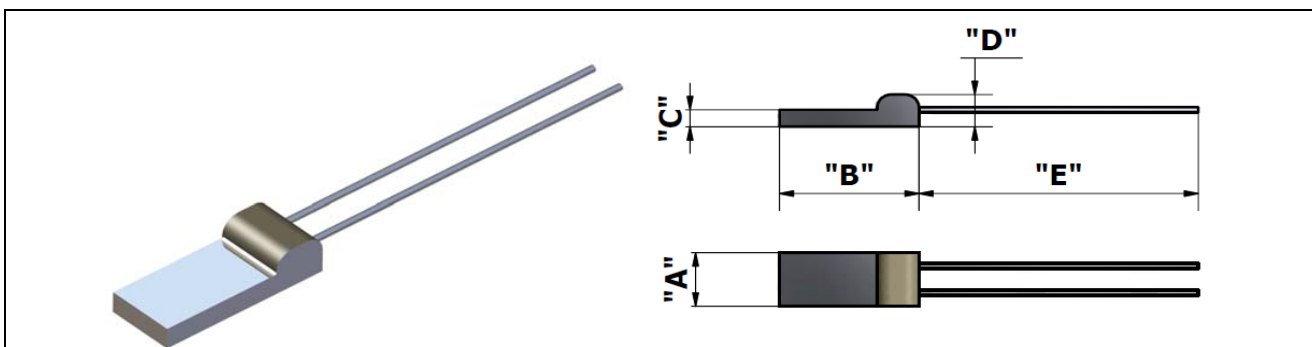


Data sheet

SONDE PLATE

RS Stock No. 181-1996



FLAT PT100Ω THERMIC ELEMENT

RANGE :

- 50°C / +600°C

USE :

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

KEY POINT :

- Primary sensitive element

SPECIFICATIONS:

- PT100Ω thermic element – A Class
- Platinum coat on substratum ceramic
- Platinum nickel wires

DIMENSIONS:

- Probe length B = 10mm ±0.2mm
- Probe width A = 2mm ±0.2mm
- Wires length E = 10mm ±1mm
- Wires diameter = 0.2mm ±0.02mm
- Probe thickness C = 0.63mm ±0.1 & "D" = 1.2±0.15mm

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	1/3DIN
	Substrat length "B"		
2mm	181-2028	181-2012	293-8430
5mm		293-8519	
10mm	181-1996	181-1980	293-8418