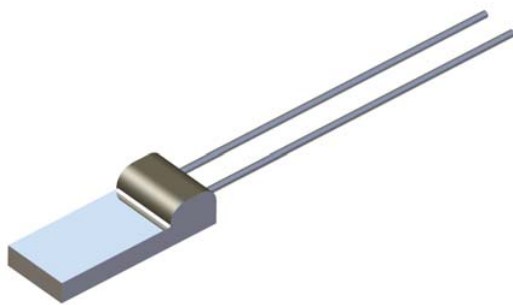
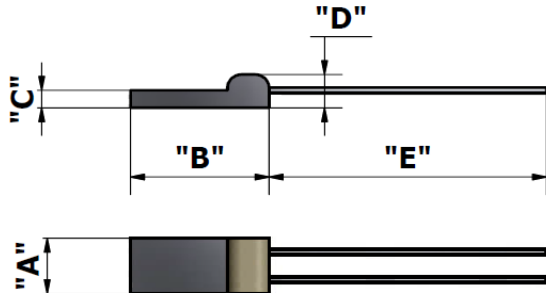


Data sheet

SENSING ELEMENT

ENGLISH

RS Stock No. 181-2062

 														
FLAT PT500Ω THERMIC ELEMENT														
RANGE : <ul style="list-style-type: none"> -50°C / +600°C 														
USE : <ul style="list-style-type: none"> Heating, air conditioning, test, energy, prototype... 														
KEY POINT : <ul style="list-style-type: none"> Primary sensitive element 														
SPECIFICATIONS: <ul style="list-style-type: none"> PT500Ω thermic element - A Class Platinum coat on substratum ceramic Platinum nickel wires 														
DIMENSIONS: <ul style="list-style-type: none"> 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 : <ul style="list-style-type: none"> As per IEC 751 <u>Standard tolerance PT100 A class</u> : ±0.15 + 0.002.[t°C] Timing = <ul style="list-style-type: none"> Water (v=0.4m/s): T0.5=0.25s ; T0.9=0.70s Air (v=1m/s): T0.5=5.5 ; T0.9=16s 														
<u>Other Dimensions :</u> <table border="1"> <tr> <th>Precision</th><th>CLA</th><th>CLB</th></tr> <tr> <td>Substrat length "B"</td><td></td><td></td></tr> <tr> <td>5mm</td><td>181-2062</td><td>181-2056</td></tr> <tr> <td>10 mm</td><td>181-2040</td><td></td></tr> </table>			Precision	CLA	CLB	Substrat length "B"			5mm	181-2062	181-2056	10 mm	181-2040	
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