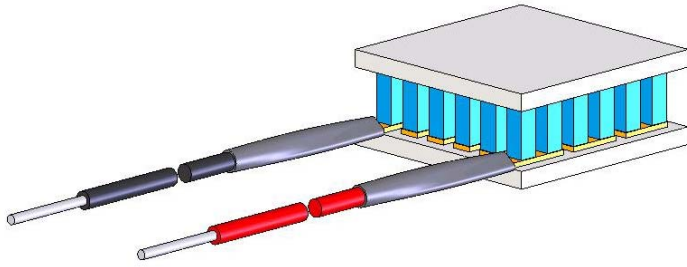


**SPECIFICATION OF THERMOELECTRIC MODULE TB-17-1.0-2.5**


| Thermoelectrical parameters      | Unit  | Value       |
|----------------------------------|-------|-------------|
| <b>I<sub>max</sub></b>           | Amps  | <b>1.9</b>  |
| <b>U<sub>max</sub></b>           | Volts | <b>2.1</b>  |
| <b>ΔT<sub>max</sub></b>          | K     | <b>70</b>   |
| <b>Q<sub>max</sub></b>           | Watts | <b>2.5</b>  |
| <b>R<sub>ac</sub> (at 295 K)</b> | Ohm   | <b>0.85</b> |
| <b>Tolerance</b>                 | %     | <b>±10</b>  |

*All parameters except R<sub>ac</sub> are given at Th=300 K*

| Assembly parameters    | Unit                 | Value       |
|------------------------|----------------------|-------------|
| <b>Wires</b>           | <b>HB-0.35 4 600</b> |             |
| <b>Cross section</b>   | mm <sup>2</sup>      | <b>0.35</b> |
| <b>Metallization</b>   | <b>Not</b>           |             |
| <b>Sealing</b>         | <b>Not</b>           |             |
| <b>Internal solder</b> | °C                   | <b>139</b>  |
| <b>Brazing solder</b>  | °C                   | <b>not</b>  |

| Operational parameters             | Unit | Value            |
|------------------------------------|------|------------------|
| <b>Working temperature range</b>   | °C   | <b>-50 ÷ +80</b> |
| <b>Max. processing temperature</b> | °C   | <b>130</b>       |
| <b>ROHS compliance</b>             |      | <b>YES</b>       |

