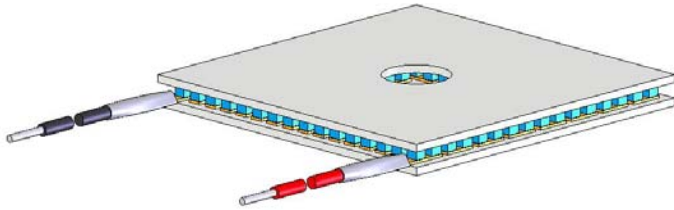
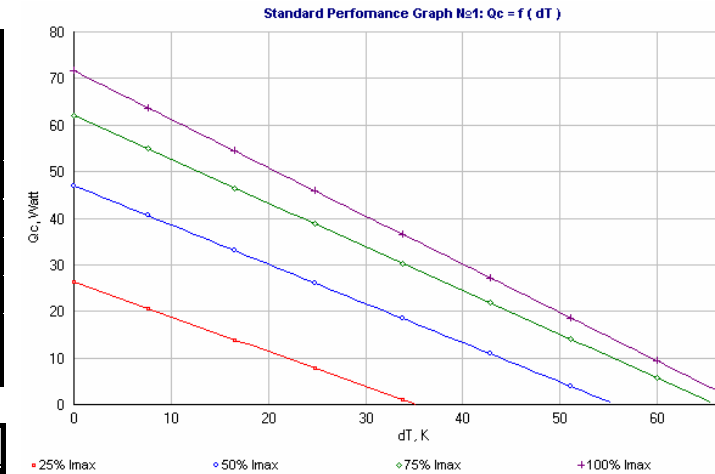


**SPECIFICATION OF THERMOELECTRIC MODULE TB-119-1.4-1.15CH**


| Thermoelectrical parameters      | Unit  | Value |
|----------------------------------|-------|-------|
| <b>I<sub>max</sub></b>           | Amps  | 7,9   |
| <b>U<sub>max</sub></b>           | Volts | 14,7  |
| <b>ΔT<sub>max</sub></b>          | K     | 69    |
| <b>Q<sub>max</sub></b>           | Watts | 72,0  |
| <b>R<sub>ac</sub> (at 295 K)</b> | Ohm   | 1,4   |
| <b>Tolerance</b>                 | %     | ±10   |

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



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

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

