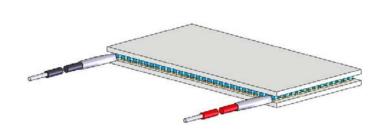
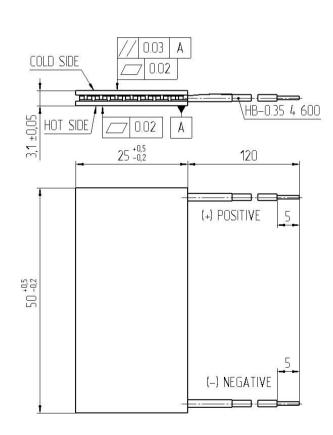


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## SPECIFICATION OF THERMOELECTRIC MODULE TB-195-1.0-0.8





| Thermoelectrical parameters                          | Unit  | Value |
|--|-------|-------|
| Imax   | Amps  | 5.8   |
| Umax   | Volts | 24.1  |
| ΔTmax  | K     | 68    |
| Qmax   | Watts | 86.0  |
| $\mathbf{R}_{ac}$ (at 295 K)                         | Ohm   | 3.2   |
| Tolerance  | %     | ±10   |
| All parameters except $R_{ac}$ are given at Th=300 K |       |       |

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

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

