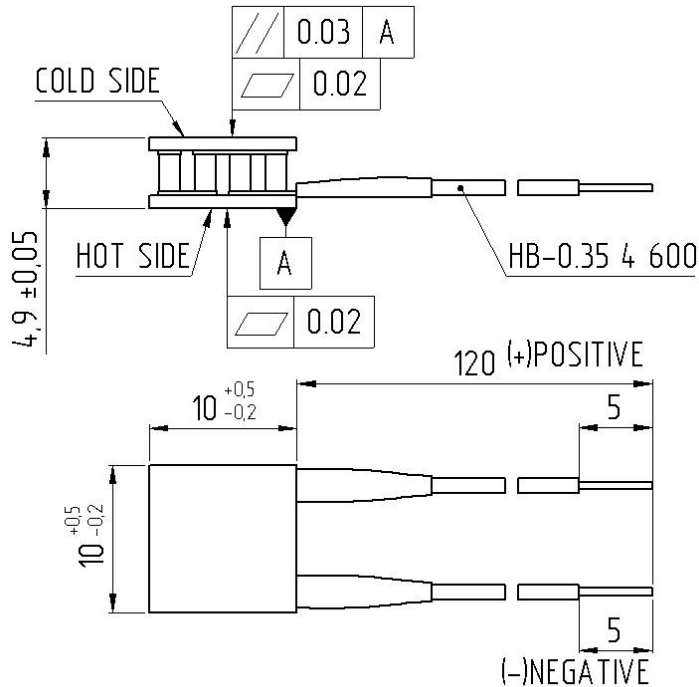
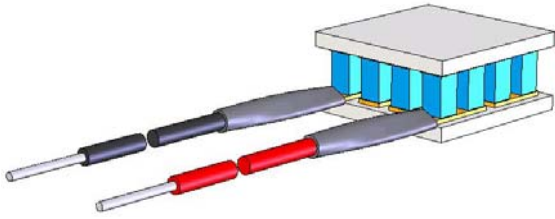


SPECIFICATION OF THERMOELECTRIC MODULE TB-7-1.4-2.5


| Thermoelectrical parameters | Unit | Value |
|----------------------------------|-------|-------------|
| I_{max} | Amps | 3.7 |
| U_{max} | Volts | 0.9 |
| ΔT_{max} | K | 72 |
| Q_{max} | Watts | 2.1 |
| R_{ac} (at 295 K) | Ohm | 0.18 |
| 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 ² | 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 |

