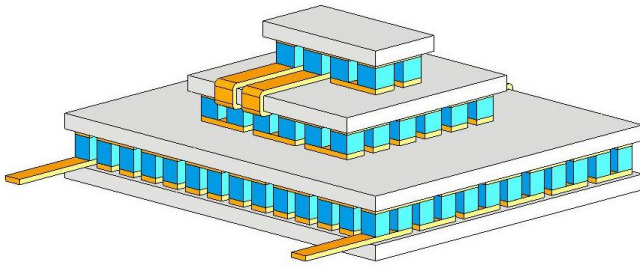
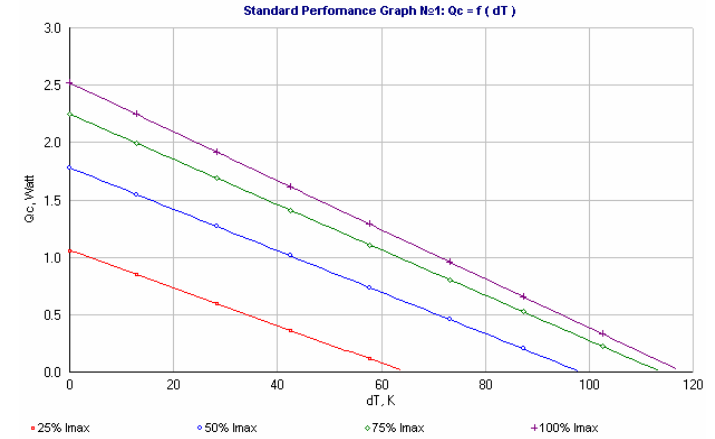


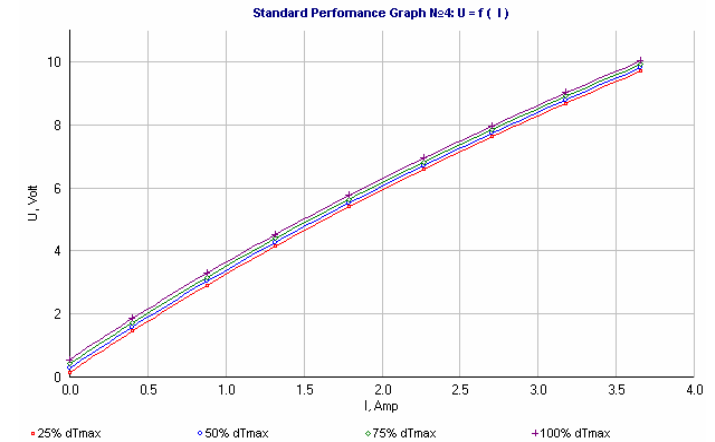
SPECIFICATION OF THERMOELECTRIC MODULE TB-3-(83-18-4)-1,3


| Thermoelectrical parameters | Unit | Value |
|-----------------------------|--------------|-------------|
| I_{max} | Amps | 3,7 |
| U_{max} | Volts | 10,0 |
| ΔT_{max} | K | 118 |
| R_{ac} | Ohm | 2,35 |
| Q_{max} | Watts | 2,5 |
| Tolerance | % | ±10 |

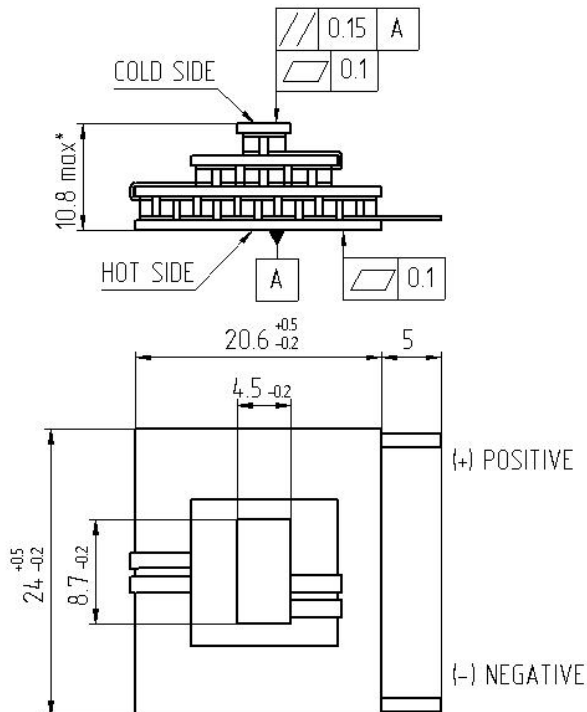
All parameters except R_{ac} are given at Th=300 K



| Assembly parameters | Unit | Value |
|------------------------|-----------------------|------------|
| Wires | | - |
| Cross section | mm² | - |
| 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 | 120 |
| ROHS compliance | | YES |



*Tolerance of the TEC's height for a lot is ±0.35 mm