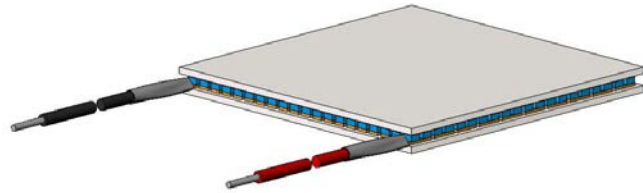
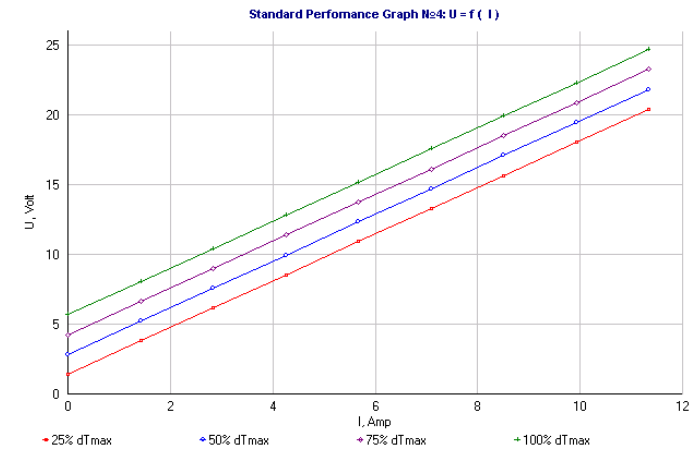
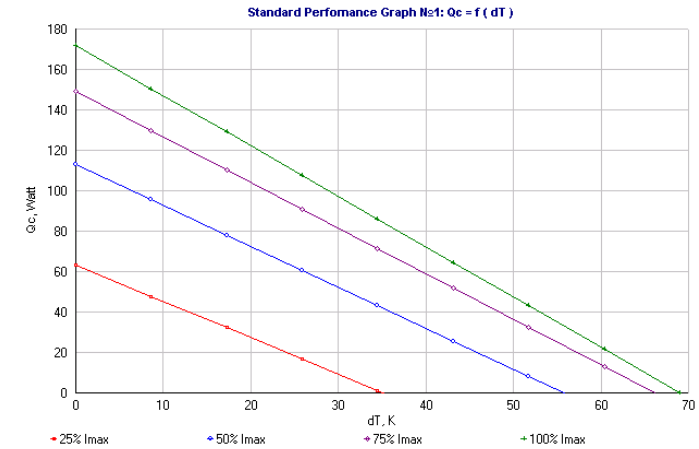
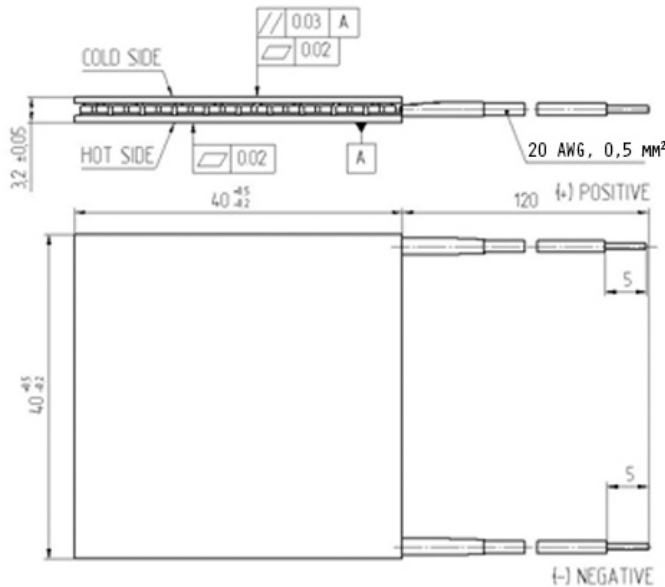


SPECIFICATION OF THERMOELECTRIC MODULE Drift-0.8


| <i>Thermoelectric parameters</i> | <i>Unit</i> | <i>Value</i> |
|---|--------------|--------------|
| I_{max} | Amps | 11,3 |
| U_{max} | Volts | 24,6 |
| ΔT_{max} | K | 69 |
| Q_{max} | Watts | 172,0 |
| R_{ac} (at 295 K), ±15% | Ohm | 1,65 |
| <i>All parameters except R_{ac} are given at Th=300 K</i> | | |

| <i>Option</i> | <i>Standard</i> | <i>Modification</i> |
|---------------------------------------|--------------------------------|---------------------|
| Ceramic material | Al ₂ O ₃ | AlN |
| Height tolerance, mm | ± 0,05 | up to ± 0,015 |
| Flatness, mm | 0,02 | up to 0,01 |
| Parallelism, mm | 0,03 | up to 0,01 |
| Sealants | epoxy | E |
| | silicon | S |
| | urethane | U |
| | conformal coating | Cc |
| Max. operating temperature, °C | 120 | 150, 200 |
| Mounting temperature, °C | 130 | 170, 220 |
| Type of lead wires | 20 AWG | PTFE |
| Temperature cycling | Upon request | |
| Metallization | | |
| Assembling into arrays | | |



Please refer to our standard assembling recommendations at our [site](#)