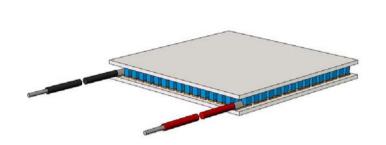
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

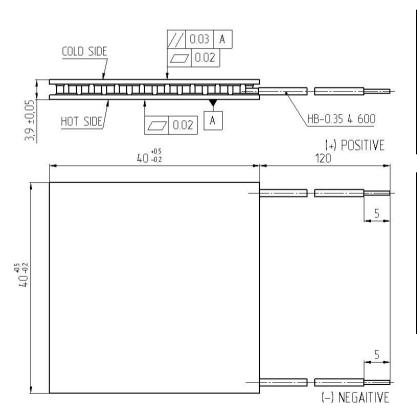
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE Frost-73



| Thermoelectrical parameters | Unit | Value | |
|---|-------|-------|--|
| Imax | Amps | 6.2 | |
| Umax | Volts | 16.5 | |
| ΔTmax | K | 73 | |
| Qmax | Watts | 64.0 | |
| \mathbf{R}_{ac} (at 295 K) | Ohm | 2.05 | |
| Tolerance | % | ±10 | |
| All parameters except R_{ac} are given at Th =300 K | | | |

| 70 | Standard Pe | erfornance Graph №1: 0 | 0c = f (dT) | |
|------------|-------------|------------------------|---------------|-------|
| 60 | | | | |
| 50 | | | | |
| ## 40 | | | | |
| 9 30 H | 1 | | | |
| 20 | | | | |
| 10 | | | | |
| 0 10 | 20 30 | 40 dT, K | 50 60 | 70 80 |
| • 25% Imax | ◆ 50% Imax | + 75% Imax | +100% lmax | |



| Assembly parameters | Unit | Value |
|---------------------|-----------------|-------|
| Wires | HB-0.35 4 600 | |
| Cross section | mm ² | 035 |
| 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 |

