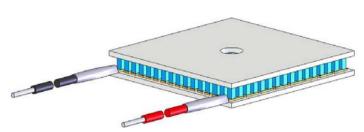
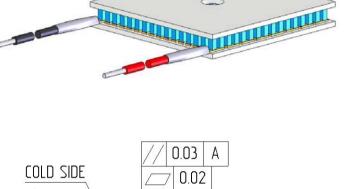
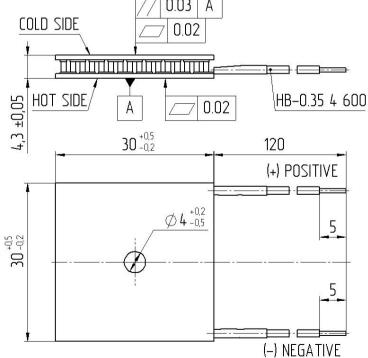
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

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 TB-119-1.0-2.0CH







Thermoelectrical parameters	Unit	Value
Imax	Amps	2,3
Umax	Volts	14,7
ΔTmax	K	69
Qmax	Watts	21,0
<b>R</b> <sub>ac</sub> (at 295 K)	Ohm	4,9
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

