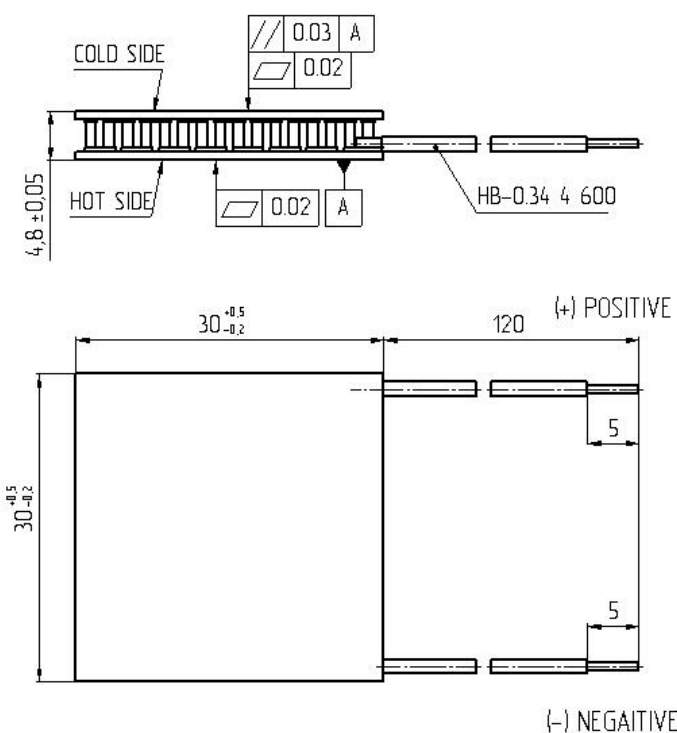
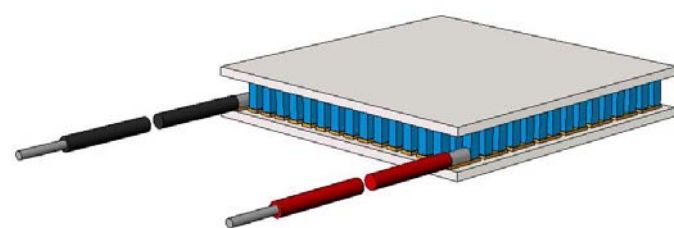




6 Aerodromnaya street, Saint-Petersburg, 197348 Russia
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE TB-127-1.0-2.5



Thermoelectrical parameters	Unit	Value
I_{max}	Amps	1.9
U_{max}	Volts	15.9
ΔT_{max}	K	70
Q_{max}	Watts	18.3
R_{ac} (at 295 K)	Ohm	6.2
Tolerance	%	±10
<i>All parameters except R_{ac} are given at Th=300 K</i>		

Assembly parameters	Unit	Value
Wires		20AWG
Cross section	mm ²	
Metallization		Not
Sealing		Not
Internal solder	°C	139
Brazing solder	°C	Not

Operational parameters	Unit	Value
Working temperature range	°C	-50 ÷ +120
Max. processing temperature	°C	130
ROHS compliance		-

