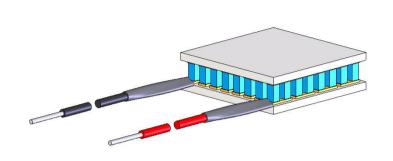
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

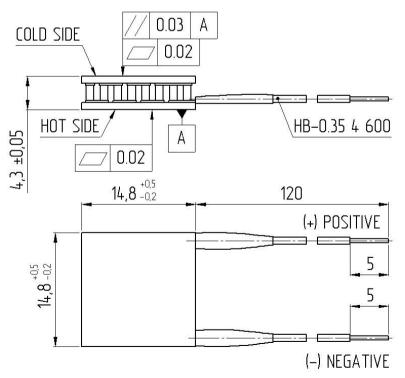
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE TB-31-1.0-2.0



Thermoelectrical parameters	Unit	Value
Imax	Amps	2.3
Umax	Volts	3.9
ΔTmax	K	70
Qmax	Watts	5.6
R _{ac} (at 295 K)	Ohm	1.25
Tolerance	%	±10
All parameters except R_{ac} are given at $Th=300 K$		

6	Standard	Performance Graph N	⊵1:Qc = f (dT)	
5				
4				
3				
3				
2				
1				
0 10	20 3	0 40 dT, K	50 6	0 70
◆ 25% Imax	◆ 50% Imax	+ 75% Imax	+1	00% Imax



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