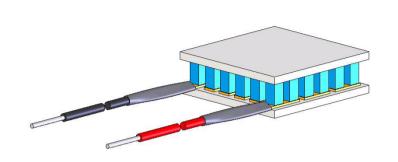
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

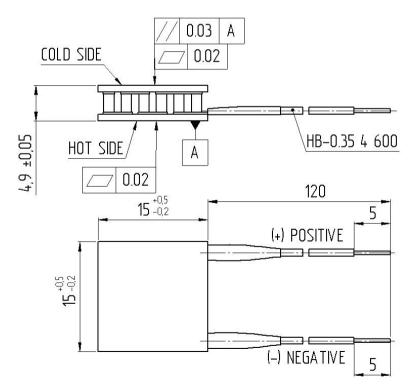
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE TB-17-1.4-2.5



Thermoelectrical parameters	Unit	Value		
Imax	Amps	3.7		
Umax	Volts	2.2		
ΔTmax	K	72		
Qmax	Watts	5.0		
R _{ac} (at 295 K)	Ohm	0.45		
Tolerance	%	±10		
All parameters except R_{ac} are given at Th=300 K				

6		Standa	rd Perfornan	ice Graph N⊵1	Qc = f (dT)			
Ů								
5								
4								
Oc, Watt								
2								
1								
0 0	10	20	30	40 dT, K	50	60	70	80
◆ 25% Imax		◆50% Imax		475% Imax		+100% 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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