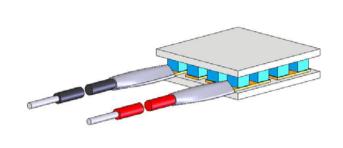
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

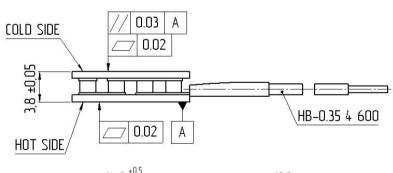
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

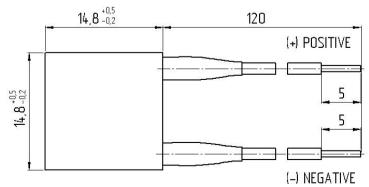
SPECIFICATION OF THERMOELECTRIC MODULE TB-7-2.0-1.5



Thermoelectrical parameters	Unit	Value
Imax	Amps	12.4
Umax	Volts	0.9
ΔTmax	K	70
Qmax	Watts	6.7
R _{ac} (at 295 K)	Ohm	0.055
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

7	Sta	ndard Performand	e Graph №1: Q	c = f (dT)		
6 5						
4 Oc, Walt						
2						
0 0 • 25% Imax	10 20		40 5 dT, K	0 60	70 0% Imax	80





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

