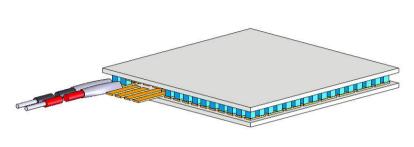
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

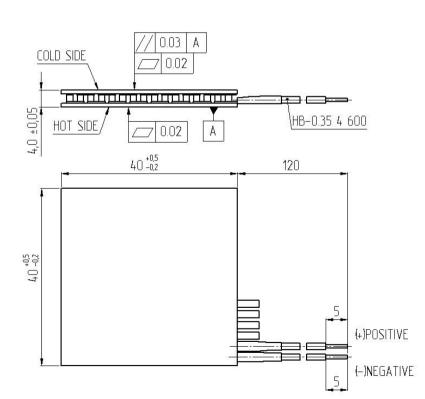
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE TB-123-1.4-1.5



Thermoelectrical parameters	Unit	Value	
Imax	Amps	6.1	
Umax	Volts	15.4	
ΔTmax	K	70	
Qmax	Watts	58.0	
R _{ac} (at 295 K)	Ohm	2.0	
Tolerance	%	±10	
All parameters except R_{ac} are given at $Th=300 K$			

00	Stand	ard Perfornance Grap	h №1: Qc = f (dT)		
50						
40						
30						
20						
10						
0 10	20	30 40 dT, K	50	60	70	
◆ 25% Imax	◆ 50% Imax	+ 75% Im	ax	+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

