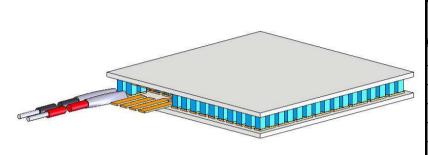
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

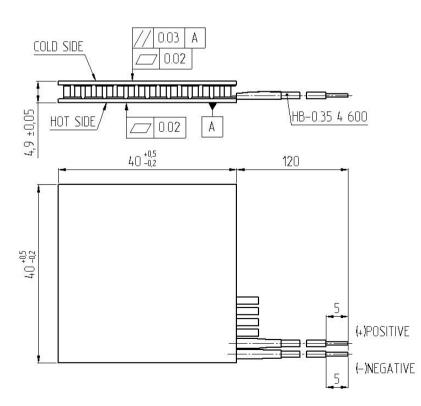
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

## SPECIFICATION OF THERMOELECTRIC MODULE TB-123-1.4-2.5



Thermoelectrical parameters	Unit	Value	
Imax	Amps	3.6	
Umax	Volts	15.4	
ΔTmax	K	70	
Qmax	Watts	34.6	
$\mathbf{R}_{ac}$ (at 295 K)	Ohm	3.2	
Tolerance	%	±10	
All parameters except $R_{ac}$ are given at Th=300 K			

25	Stan	dard Performance Graph N	⊵1: Qc = f ( dT )		
35					
30					
25					
# 20					
20 Nosit					
10					
5					
0 0	10 20	30 40 dT, K	50 60	70	8
• 25% Imax	◆ 50% Imax	+ 75% Imax	+100%	max	



Assembly parameters	Unit	Value
Wires	HB-0.35 4 600	
Cross section	mm <sup>2</sup>	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

