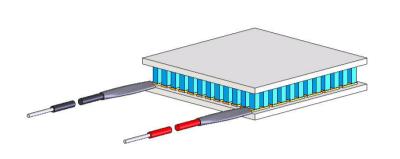
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

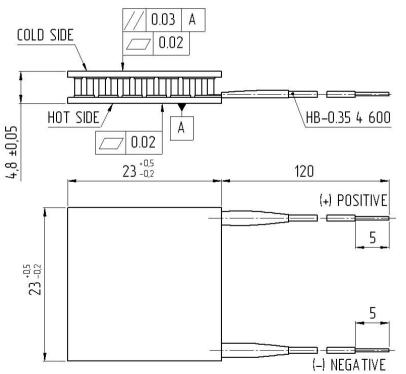
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE TB-71-1.0-2.5



Thermoelectrical parameters	Unit	Value
Imax	Amps	1.9
Umax	Volts	8.9
ΔTmax	K	70
Qmax	Watts	10.2
\mathbf{R}_{ac} (at 295 K)	Ohm	3.35
Tolerance	%	±10
All parameters except R_{ac} are given at $Th=300 K$		

10 8 8 4 4 2 2	12	Sta	ndard Performance	e Graph Nº1: Qc =	f(dT)		
OO'. OO 4	10						
4	8						
	Oc, Watt		* 1				
2	4						
	2						
0 10 20 30 40 50 60 70 dT, K	0 0	10 20	30 d	40 50 T.K	60	70	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
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