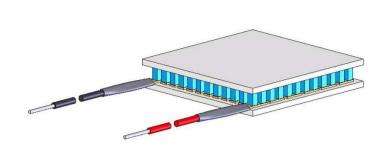
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

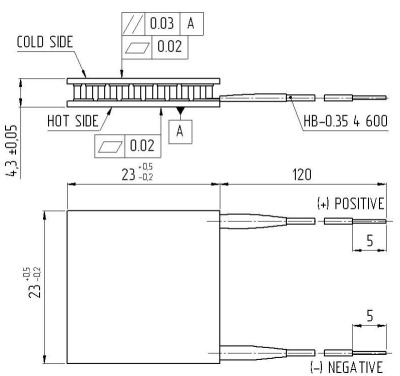
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE TB-71-1.0-2.0



Thermoelectrical parameters	Unit	Value	
Imax	Amps	2.3	
Umax	Volts	8.9	
ΔTmax	K	70	
Qmax	Watts	12.8	
\mathbf{R}_{ac} (at 295 K)	Ohm	2.7	
Tolerance	%	±10	
All parameters except R_{ac} are given at Th=300 K			

14		Standard Perfo	mance Graph N≥	1: Qc = f (dT)		
12						
10	7					
## 8						
GC, Watt						
4						
2						
0 0	10	20 30	40 dT, K	50	60	70 80
• 25% Imax	* 5	50% Imax	dT, K +75% 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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