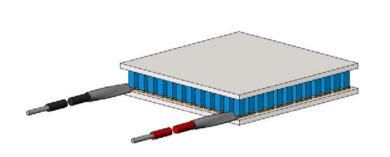
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

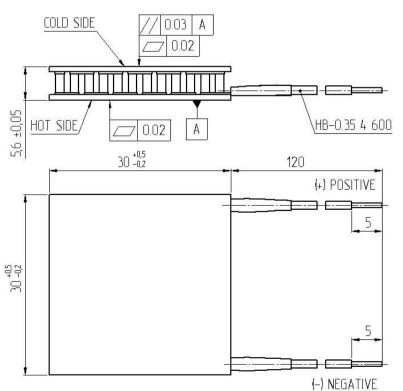
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE TB-71-1.4-3.175



Thermoelectrical parameters	Unit	Value
Imax	Amps	2.9
Umax	Volts	9.1
ΔTmax	K	72
Qmax	Watts	16.5
\mathbf{R}_{ac} (at 295 K)	Ohm	2.35
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

18	Stan	dard Performance Graph N	l≘1:Qc = f (dT)		
16					
14					
12					
10					
8					
6					
4		· ·			
2					
0 0	10 20	30 40 dT, K	50 60	70	8
• 25% Imax	◆50% Imax	+ 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

