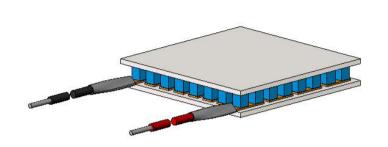
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

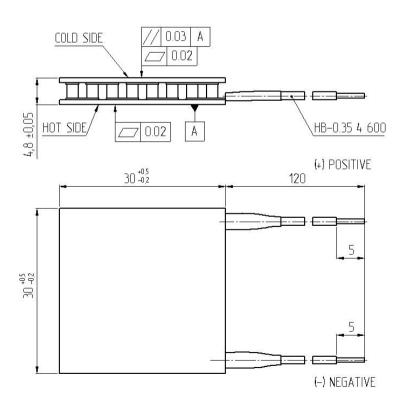
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE TB-31-2.0-2.5



Thermoelectrical parameters	Unit	Value	
Imax	Amps	7.6	
Umax	Volts	4	
ΔTmax	K	72	
Qmax	Watts	18.7	
R _{ac} (at 295 K)	Ohm	0.4	
Tolerance	%	±10	
All parameters except R_{ac} are given at Th=300 K			

20	Standard	l Perfomance Graph No	21: Qc = f (dT)	
18				
16				
14				
12				
10 wat				
8				
6				
4				
2				
0 1	0 20	30 40	50 60	70 8
• 25% Imax	◆ 50% Imax	dT, K ◆ 75% Imax	+100%	max



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

