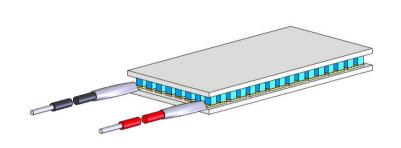
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

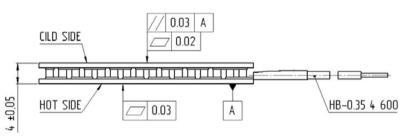
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

## SPECIFICATION OF THERMOELECTRIC MODULE TB-63-1.4-1.5



Thermoelectrical parameters	Unit	Value
Imax	Amps	6.1
Umax	Volts	7.9
ΔTmax	K	70
Qmax	Watts	29.7
<b>R</b> <sub>ac</sub> (at 295 K)	Ohm	1.05
Tolerance	%	±10
All parameters except $R_{ac}$ are given at $Th=300 K$		

	Standa	rd Perfornance Graph N	l≘1: Qc = f ( dT )	
30				
25				
20				
N. 15				
10				
5				
0 10	20	30 40	50 60	70 80
		dT, K		70 00
◆ 25% Imax	◆ 50% Imax	+ 75% Imax	+100% Imax	



Unit	Value
HB-0.35 4 600	
mm <sup>2</sup>	0.35
Not	
Not	
°C	139
°C	not
	HB-0.3 mm <sup>2</sup> N

	40 -0,5 -0,2	120
		(+) POSITIVE
20-02		5_
20		5
,		
		(-) NEGATIVE

Operational parameters	Unit	Value
Working temperature range	°C	-50 ÷ +80
Max. processing temperature	°C	130
ROHS compliance		YES

