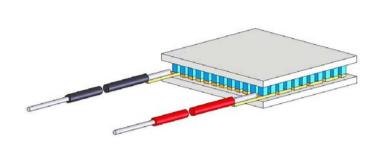
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

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-65-0.6-0.8



Thermoelectrical parameters	Unit	Value
Imax	Amps	2.1
Umax	Volts	8.0
Δ Tmax	K	68
Qmax	Watts	10.1
\mathbf{R}_{ac} (at 295 K)	Ohm	3.0
Tolerance	%	±10
All parameters except R_{ac} are given at $Th=300 K$		

	Standar	d Performance (Graph N≘1: Qc :	f(dT)	
_					
	_				
	* **				
	7				
10	20	30 dT.	40	50	60
	10				Standard Perfomance Graph №1: Qc = f (dT) 10 20 30 40 50

COLD SIDE	// 0.15 <i>A</i>	4	
2,55 ±0,15	A 0	.1 HB-0.20	1 4 600
2,5	12 +0,5	50	
		(+) POSI	TIVE
	-		
20.2			5 -
13 -0,5			5
V	2	-	
		(–) NEG/	ATIVE

Assembly parameters	Unit	Value
Wires	HB-0.20 4 600	
Cross section	mm ²	0.20
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

