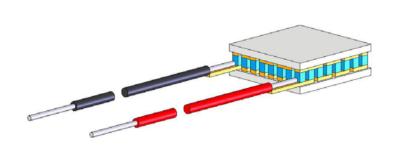
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

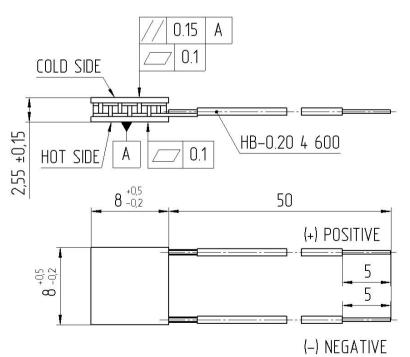
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE TB-31-0.6-0.8



Thermoelectrical parameters	Unit	Value	
Imax	Amps	2.1	
Umax	Volts	3.8	
Δ Tmax	K	68	
Qmax	Watts	4.8	
\mathbf{R}_{ac} (at 295 K)	Ohm	1.4	
Tolerance	%	±10	
All parameters except R_{ac} are given at $Th=300 K$			

5	Standard Perfomance Graph №1: Qc = f (dT)			
4				
3 Oc. West				
1				
0 0	10 20	30 40 dT,K	50 60	
• 25% lmax	∘ 50% lmax	∻75% lmax	+100% lmax	



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

