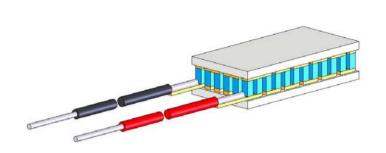
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

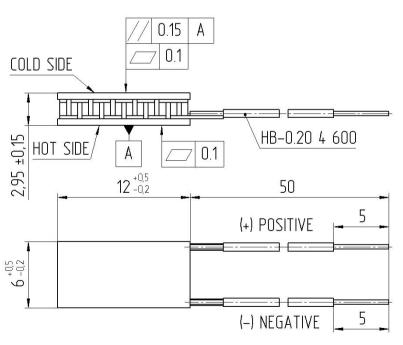
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE TB-35-0.6-1.2



Thermoelectrical parameters	Unit	Value	
Imax	Amps	1.4	
Umax	Volts	4.3	
ΔTmax	K	69	
Qmax	Watts	3.7	
\mathbf{R}_{ac} (at 295 K)	Ohm	2.4	
Tolerance	%	±10	
All parameters except R_{ac} are given at $Th=300 \text{ K}$			

4.0	Standard	Performance Graph №1: Qc	= f (dT)
3.5			
3.0	* *		
2.5			
2.0 oc. wat			
1.5			
1.0			
0.5			
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

