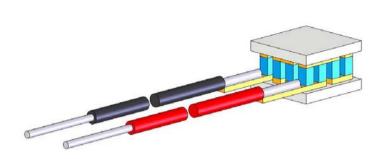
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

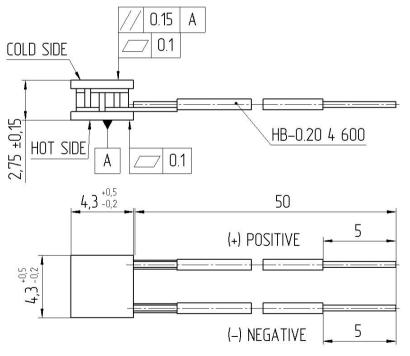
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE TB-7-0.6-1.0



Thermoelectrical parameters	Unit	Value	
Imax	Amps	1.7	
Umax	Volts	0.9	
Δ Tmax	K	69	
Qmax	Watts	0.9	
\mathbf{R}_{ac} (at 295 K)	Ohm	0.39	
Tolerance	%	±10	
All parameters except R_{ac} are given at Th=300 K			

		Standard	l Perfomance (Graph N≘1: Qc	= f (dT)	
0.9						
0.8						
0.7		_				
0.6		*				
₩ 0.5 0.4		-				
⊙ 0.4			1			
0.3				*		
0.2		_	_		*	
0.1						
0.0	10	20	30	40	50	60
			dT,	. K		
• 25% lmax	• 5	0% lmax	⋄75	5% lmax	+100%	6 Imax



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
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