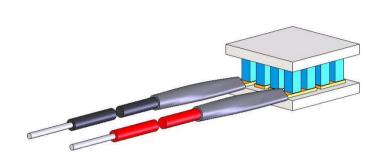
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

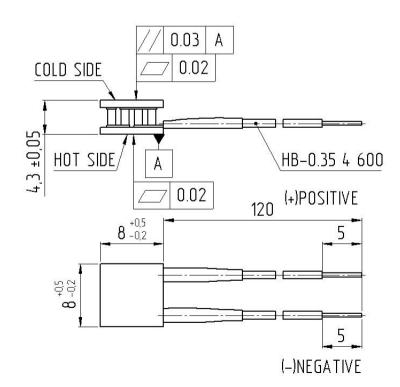
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE TB-7-1.0-2.0



Thermoelectrical parameters	Unit	Value	
Imax	Amps	2.3	
Umax	Volts	0.9	
ΔTmax	K	70	
Qmax	Watts	1.3	
R _{ac} (at 295 K)	Ohm	0.26	
Tolerance	%	±10	
All parameters except R_{ac} are given at Th=300 K			

	1.4			Sta	ndard Perf	omance Gra	oh N≘1: Qc = f	(dT)		
	1.2									
	1.0									
Qc, Watt	0.8				+					
(°)	0.6									
	0.4									
	0.2						**			
	0.0		10	20	30	40	50	60	70	80
	- 25%	lmax		◆ 50% Imax		dT, K +75% li	nax	+100% lm	эх	



Assembly parameters	Unit	Value	
Wires	HB-0.35 4 600		
Cross section	mm ²	0.35	
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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