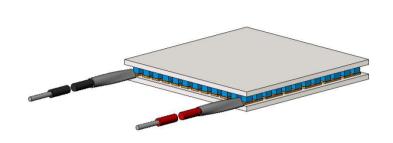
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

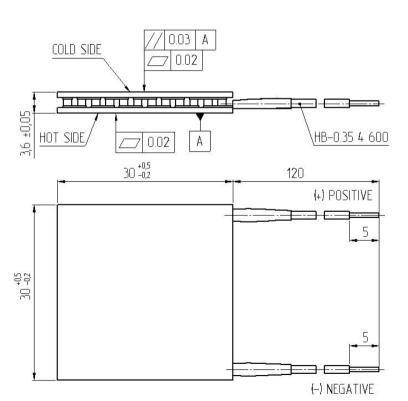
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE TB-71-1.4-1.15



Thermoelectrical parameters	Unit	Value
Imax	Amps	7.9
Umax	Volts	8.8
ΔTmax	K	69
Qmax	Watts	43
R _{ac} (at 295 K)	Ohm	0.8
Tolerance	%	±10
All parameters except R_{ac} are given at $Th=300 K$		

	f(dT)				50
					45
					40
					35
					30
					25
					20
					15
					10
					5
60	50	40	20	10	۰
	50	40 dT, K	20) 10	0



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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