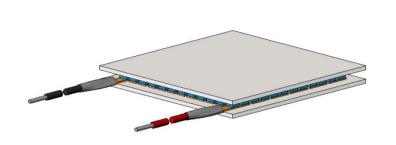
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

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-71-2.0-1.5



Thermoelectrical parameters	Unit	Value
Imax	Amps	12.4
Umax	Volts	8.9
ΔTmax	K	70
Qmax	Watts	68
\mathbf{R}_{ac} (at 295 K)	Ohm	0.52
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

70		Standard Perfor					
60	\leftarrow						
50							
40							
30							
30							
20							
			` `				
10				- "			
				_	Jan 1		
۰	10 20	30	40	50	60	70	
	10 20	30	40 dT, K	30	00	10	

3,8 ±0,05	COLD SIDE	HB-0.35 4 600
0,2		(+) POSITIVE
40,5	_	(-) NEGATIVE

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

