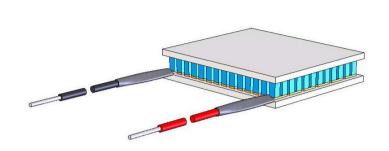
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

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

(-) NEGATIVE

SPECIFICATION OF THERMOELECTRIC MODULE TB-83-1.0-2.0



<u>cold side</u>	// 0.03 A // 0.02	
4,3 ±0,05	0.02 A	HB-0.35 4 600
£.	19 -0,2	120 (+) POSITIVE
22 -0.2		5

Thermoelectrical parameters	Unit	Value	
Imax	Amps	2.3	
Umax	Volts	10.4	
ΔTmax	K	70	
Qmax	Watts	14.9	
\mathbf{R}_{ac} (at 295 K)	Ohm	3.2	
Tolerance	%	±10	
All parameters except R_{ac} are given at $Th=300 K$			

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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