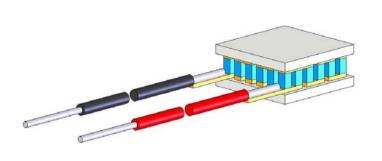
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

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-17-0.6-1.0



Thermoelectrical parameters	Unit	Value
Imax	Amps	1.7
Umax	Volts	2.1
$\Delta$ Tmax	K	69
Qmax	Watts	2.2
$\mathbf{R}_{ac}$ (at 295 K)	Ohm	0.95
Tolerance	%	±10
All parameters except $R_{ac}$ are given at $Th=300 K$		

2.2		Standard	d Performance (	Graph N≘1: Qc	= f ( dT )	
2.0						
	*					
1.8	M.	*				
1.6						
1.4		*				
1.2 0 1.0		-	\ \ \ \ \			
			The state of the s			
0.8						
0.6			-			
0.4						
0.2					Na.	
0.0	10	20	30	40	50	60
			dT.			
<ul> <li>25% Imax</li> </ul>	• (	50% lmax	♦75	i% Imax	+100	% lmax

COLD S	SIDE //	0.15 A		
2,75 ±0,15	T SIDE/ A	0.1	HB-0.20	1 4 600
2,7	6,3 +0,5	Ĺ	50	-1
			(+) P	OSITIVE
6,3-0,2				5 5
			(–) N	EGATIVE

Assembly parameters	Unit	Value
Wires	HB-0.20 4 600	
Cross section	mm <sup>2</sup>	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

