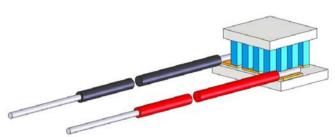
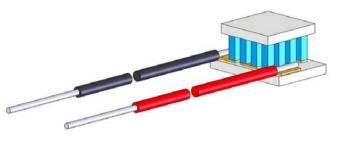
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

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

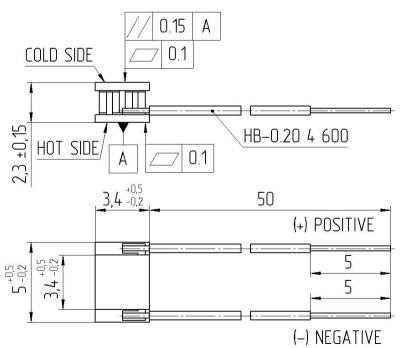
## SPECIFICATION OF THERMOELECTRIC MODULE TB-8-0.45-1.3





Thermoelectrical parameters	Unit	Value	
Imax	Amps	0.7	
Umax	Volts	1.0	
ΔTmax	K	67	
Qmax	Watts	0.4	
$\mathbf{R}_{ac}$ (at 295 K)	Ohm	1.2	
Tolerance	%	±10	
All parameters except $R_{ac}$ are given at Th=300 K			

0.45		Stanuaru	remoniance o	rapirius i. Qu -	1(41)	
0.40	_					
0.35						
0.30						
# 0.25 N 0.20		*				
Ø 0.20			*			
0.15				*		
0.10						
0.05						
0.00	10	20	30	40	50	60
Ü			dΤ,	<		55
• 25% lmax	•5	0% lmax	⋄75°	6 Imax	+1009	% Imax



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

