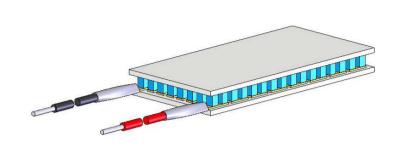
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

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

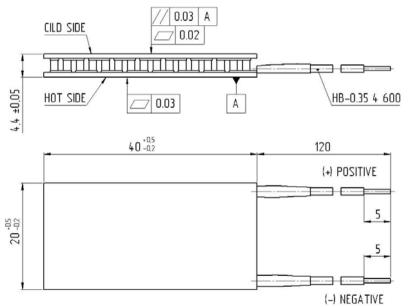
SPECIFICATION OF THERMOELECTRIC MODULE TB-63-1.4-2.0



Thermoelectrical parameters	Unit	Value	
Imax	Amps	4.6	
Umax	Volts	7.9	
ΔTmax	K	70	
Qmax	Watts	22.2	
R _{ac} (at 295 K)	Ohm	1.25	
Tolerance	%	±10	
All parameters except R_{ac} are given at Th=300 K			

	24								
	22								
	20								
	18								
	16								
tte/	14								
Qc, Watt	12		\rightarrow		_				
	10								
	8		\rightarrow						
	6	_		\rightarrow	Q N				
	4								
	2						1		
	0	0 10	20	30	40	50	60	70	80
				30	40 dT , K				00
•	25	% Imax	◆ 50% Imax		+ 75% Imax		+100% Imax	:	

Standard Performance Graph Nº1: Qc = f (dT)



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

