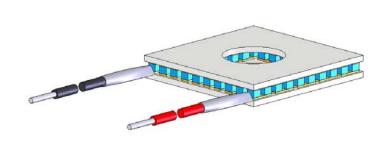


6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

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-41-1.4-1.1CH



Thermoelectric parameters	Unit	Value
Imax	Amps	8.2
Umax	Volts	5.1
Δ Tmax	K	69
Qmax	Watts	25.8
\mathbf{R}_{ac} (at 295 K)	Ohm	0.5
Tolerance	%	±10
All parameters except R_{ac} are given at $Th=300 K$		

30	Standar	d Perfomance Graph №1: Qc =	=f(dT)	
25				
20				
Natt				
10				
5				
0 0	10 20	30 40 dT,K	50 60	70
• 25% lmax	∘ 50% lmax	♦75% lmax	+100% lmax	

COLD SIDE	// 0.03 A 0.02	
HOT SIDE	A	HB-0.35 4 600

Unit	Value
HB-0.35 4 600	
mm ²	0.35
Not	
Not	
°C	139
°C	Not
	HB-0 mm² N °C

Operation parameters	Unit	Value
Working temperature range	°C	-50 ÷ +80
Max. processing temperature	°C	120
ROHS compliance		YES

