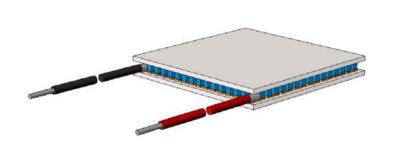
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

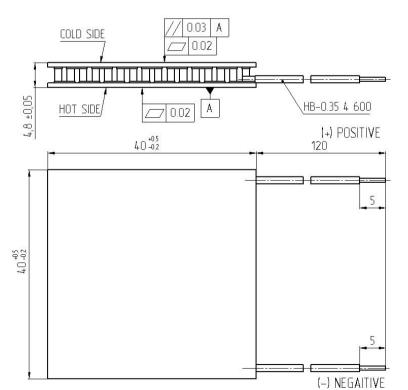
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE Rime-74



Thermoelectrical parameters	Unit	Value	
Imax	Amps	3.8	
Umax	Volts	16.7	
ΔTmax	K	74	
Qmax	Watts	38.0	
R _{ac} (at 295 K)	Ohm	3.3	
Tolerance	%	±10	
All parameters except R_{ac} are given at $Th=300 K$			

40	Standard Perfomance Graph №1: Qc = f (dT)			
40				
35				
30				
25				
20 Waff				
15				
10				
5				
0 0	10 20 3	0 40 50 dT,K	60 70	
■ 25% lmax	∘ 50% lmax	⋄75% lmax	+100% lmax	



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

