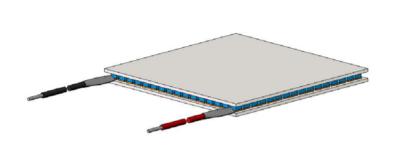
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

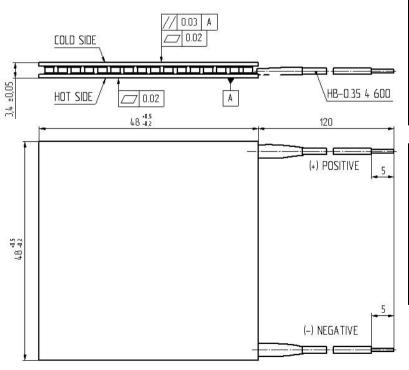
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

## SPECIFICATION OF THERMOELECTRIC MODULE HAIL-71



Thermoelectrical parameters	Unit	Value		
Imax	Amps	8.0		
Umax	Volts	16.1		
ΔTmax	K	71		
Qmax	Watts	80.0		
$\mathbf{R}_{ac}$ (at 295 K)	Ohm	1.5		
Tolerance	%	±10		
All parameters except $R_{ac}$ are given at Th=300 K				

	00			Standard Perfo	mance Graph N	⊵1: Qc = f ( dT )			
	80								
	70								
	60	· ·							
	50								
Qc, Watt	40	_							
	30								
	20 -	_							
	10								
	٥	1	0 20	30	40 dT, K	50	60	70	80
	<b>-</b> 25% I	max	<del>•</del> 50%	Imax	+75% Imax	-	+100% Imax		



Assembly parameters	Unit	Value
Wires	HB-0.35 4 600	
Cross section	mm <sup>2</sup>	035
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

