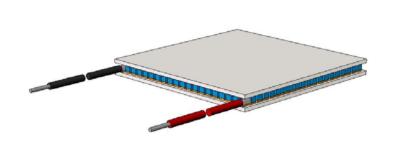
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

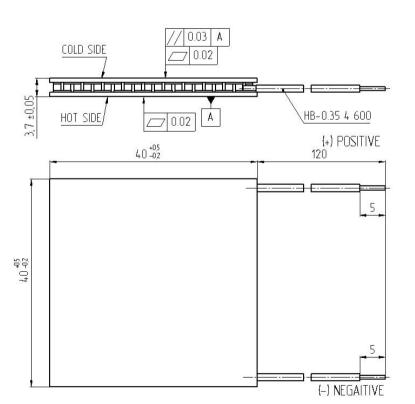
Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE Drift-1.2



Thermoelectrical parameters	Unit	Value	
Imax	Amps	7.6	
Umax	Volts	24.6	
ΔTmax	K	69	
Qmax	Watts	115.0	
\mathbf{R}_{ac} (at 295 K)	Ohm	2.4	
Tolerance	%	±10	
All parameters except R_{ac} are given at $Th=300 K$			

120		Standard I	Performance Graph N	≘1: Qc = f (dT)		
100 -						
80						
Qc, Watt						
40						
20						
0 (0 10	20	30 4 dT,K	0 50	60	70
- 253	% Imax	◆ 50% Imax	+ 75% Imax	-	+ 100% Imax	



Assembly parameters	Unit	Value	
Wires	HB-0.35 4 600		
Cross section	mm ²	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

