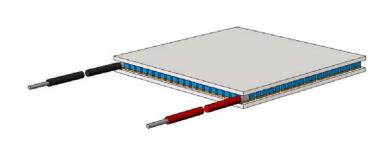


6 Aerodromnaya street, Saint-Petersburg, 197348 Russia Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

SPECIFICATION OF THERMOELECTRIC MODULE Drift-1.15



Thermoelectrical parameters	Unit	Value
Imax	Amps	7.9
Umax	Volts	24.6
ΔTmax	K	69
Qmax	Watts	120
\mathbf{R}_{ac} (at 295 K)	Ohm	2.9
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

Qc,Watt	120 Module 120 100 40 40 40	DRIFT-1.15: Co	oling capacity v	vs dT, Th =30	OK	
	20	000	a a	2 2	***	
	0 10	20 30	40 dT, K	50	60	70
	 2.0 Amp	- 3.9 Amp		7.9 A	mp	

3,6 ±0,05	COLD SIDE	HB-0.34 4 600
	40-02	(+) POSITIVE 120
4,0.0,2		5
1	_	(-) NEGAITIVE

Assembly parameters	Unit	Value
Wires	20AWG	
Cross section	mm ²	
Metallization	Not	
Sealing	Not	
Internal solder	°C	139
Brazing solder	°C	Not

Operational parameters	Unit	Value
Working temperature range	°C	-50 ÷ +120
Max. processing temperature	°C	130
ROHS compliance		-

