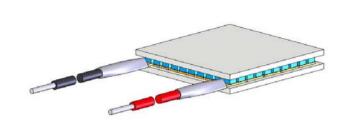
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

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(-) NEGATIVE

## SPECIFICATION OF THERMOELECTRIC MODULE TB-49-1.4-0.8



Thermoelectrical parameters	Unit	Value
Imax	Amps	11.3
Umax	Volts	6.1
ΔTmax	K	69
Qmax	Watts	42.0
$\mathbf{R}_{ac}$ (at 295 K)	Ohm	0.4
Tolerance	%	±10
All parameters except R <sub>ac</sub> ar	e given at T	h=300 K

50 F		- Contract	a r criomanec	Graph N≘1: Qc =	.(01)		
45							
40							
35							
30							
. 25							
20			*				
15			,				
10			_				
5						$\rightarrow$	
١	10	20	30	40	50	60	_
·			dT	, K			

COLD	SIDE	A
1		
3,2 ±0,05 □⊞	SIDE 0.02 A	HB-0.35 4 600
car	21 +0,5	120
		(+) POSITIVE
1	-	
21 -0,5		5
21		5

Assembly parameters	Unit	Value
Wires	HB-0.35 4 600	
Cross section	mm <sup>2</sup>	0.35
Metallization	Not	
Sealing	Not	
Internal solder	°C	139
Brazing solder	°C	not

Unit	Value
°C	-50 ÷ +80
°C	130
	YES
	°C

