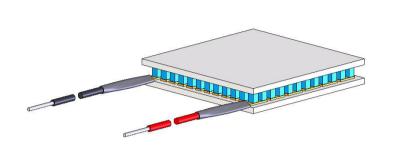
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SPECIFICATION OF THERMOELECTRIC MODULE TB-71-1.0-1.5



Thermoelectrical parameters	Unit	Value
Imax	Amps	3.1
Umax	Volts	8.8
ΔTmax	K	69
Qmax	Watts	16.7
\mathbf{R}_{ac} (at 295 K)	Ohm	2.05
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

18		Standard	Performance Gr	aph №1: Qc = f	(dT)		
16							
14							
12							
10 Oc., Watt							
8 8				_			
6							
4							
2							
0	10	20	30 dT, K	40	50	60	70
• 25% Imax	•	50% Imax	÷ 75%		+100% In	nax	

COLD SID	E 0.02	
1		
3,8 ±0,05	SIDE A	\HB-0.35 4 600
3,8	23 +0,5	120
23 -0.5	_	(+) POSITIVE
5.		(–) NEGATIVE

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
-		

