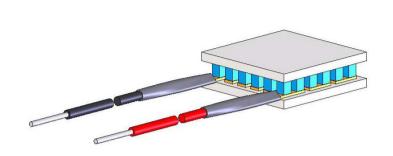
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SPECIFICATION OF THERMOELECTRIC MODULE TB-17-1.0-1.3



Thermoelectrical parameters	Unit	Value
Imax	Amps	3.6
Umax	Volts	2.1
ΔTmax	K	69
Qmax	Watts	4.6
R _{ac} (at 295 K)	Ohm	0.42
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

5		Standard	Performance Gr	aph N≘1: Qc =	f(dT)		
4							
Qc,Watt							
1							
0 0	10	20	30 dT, K		50	60	70
◆ 25% Imax	•	50% Imax	→ 75%	lmax	+100% In	ах	

COLD SIDE 0.02
HOT SIDE A HB-0.35 4 600
11,5 +0,5 (+) POSITIVE
(-) NEGATIVE5_

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
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