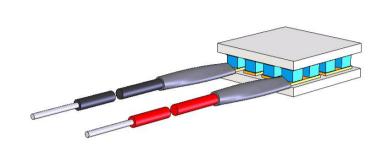
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SPECIFICATION OF THERMOELECTRIC MODULE TB-7-1.4-1.15



Thermoelectrical parameters	Unit	Value
Imax	Amps	7.9
Umax	Volts	0.9
ΔTmax	K	69
Qmax	Watts	4.2
R _{ac} (at 295 K)	Ohm	0.085
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

5.	Standa	rd Performance Graph N≘1: Qc =	f(dT)	
5 4 4 3 3 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6				
1 0 0	10 20	30 dT, K	50 60	70
- 25% Imax	◆ 50% Imax	+ 75% Imax	+100% Imax	

COLD SIDE	// 0.03 A O.02	
HOT SIDE	A	HB-0.35 4 600
	0.02	120 (+)POSITIVE
10-02		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
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