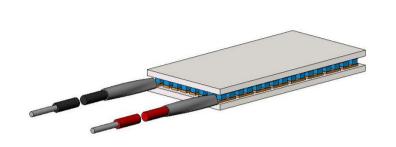
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SPECIFICATION OF THERMOELECTRIC MODULE TB-63-1.0-1.15



Thermoelectrical parameters	Unit	Value
Imax	Amps	4.0
Umax	Volts	7.8
ΔTmax	K	69
Qmax	Watts	19.3
R _{ac} (at 295 K)	Ohm	1.42
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

20		Standard	l Performance G	raph N≘1: Qc =1	f(dT)		
20							
18							
16							
14	7						
12							
Oc. Watt							
8							
6	•						
4							
2							
0	10	20	30 dT,	40 K	50	60	70
• 25% Imax	4	50% Imax		% Imax	+100% ln	nax	

COLD SIDE	// 0.03 A 0.02	
5 7	T T	
HOT SIDE	0.02 A	\HB-0.35 4 600
		L \ DOCUTIVE

(+) POSITIVE		
120		
5		
5		

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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