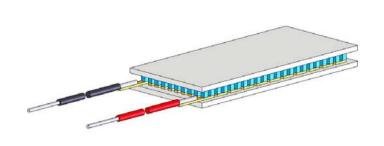
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## SPECIFICATION OF THERMOELECTRIC MODULE TB-109-0.6-0.8



Thermoelectrical parameters	Unit	Value	
Imax	Amps	2.1	
Umax	Volts	13.4	
ΔTmax	K	68	
Qmax	Watts	16.9	
$\mathbf{R}_{ac}$ (at 295 K)	Ohm	5.3	
Tolerance	%	±10	
All parameters except $R_{ac}$ are given at $Th=300 K$			

18		Standard	l Perfomance (	Graph N≘1: Qc	= f ( dT )	
16						
14						
12		*				
10 8 0c, Watt		*				
8			1			
6				7		
4						
2 0						
0	10	20	30 dT,	40 .K	50	60
• 25% Imax	•	50% Imax	⋄75	5% Imax	+100	% Imax

COI	LD SIDE	/	0.15 A	
1				
2,55 ±0,15	HOT SIDE	A	0.1	HB-0.20 4 600
2,55		26 -0,2		50
	-		•	(+) POSITIVE
1,5			-	5
12 -0.5			_	5 -
1				(–) NEGATIVE

Assembly parameters	Unit	Value
Wires	HB-0.20 4 600	
Cross section	mm <sup>2</sup>	0.20
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

