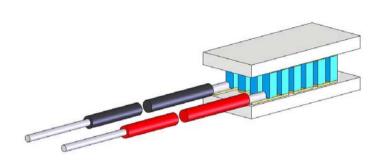
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SPECIFICATION OF THERMOELECTRIC MODULE TB-11-0.6-1.5



Thermoelectrical parameters	Unit	Value
Imax	Amps	1.1
Umax	Volts	1.4
ΔTmax	K	69
Qmax	Watts	0.9
\mathbf{R}_{ac} (at 295 K)	Ohm	0.91
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

4.0		Standar	d Perfornance (Graph Nº1: Qc	= f (dT)	
1.0						
0.9						
0.8	*					
0.7		*				
J 0.6						
0.5 Mat			—			
0.4						
0.3				-		
0.2		•	~		*	
0.1				~		
0.0	10	20	20	40	- 50	
0	10	20	30 dT,	40 .K	50	60
• 25% lmax		50% lmax		5% Imax	+100	% lmax

COLD SI	77	0.15 A 0.1
3,25 ±0,15	SIDE A	HB-0.20 4 600
3,2,	9 +0,5	(+) POSITIVE 5
4 -0.2		(-) NEGATIVE 5

Assembly parameters	Unit	Value
Wires	HB-0.20 4 600	
Cross section	mm ²	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

