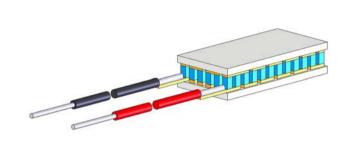
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SPECIFICATION OF THERMOELECTRIC MODULE TB-35-0.6-1.0



Thermoelectrical parameters	Unit	Value
Imax	Amps	1.7
Umax	Volts	4.3
ΔTmax	K	69
Qmax	Watts	4.4
\mathbf{R}_{ac} (at 295 K)	Ohm	2.08
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

4.5		Standar	d Perfornance	Graph N≘1: Qc	= f (dT)	
4.5						
4.0						
3.5		*				
3.0						
2.5 W 2.0						
8 2.0						
1.5				*		
1.0					*	
0.5						
0.0	10	20	30	40	50	60
			dT.	, K		
• 25% lmax	٠	50% lmax	♦75	5% Imax	+100	% lmax

COLD SIDE	// 0.15 A	
2,75 ±0,15 TOT SIDE TOH	A	HB-0.20 4 600
2,75	12 -0,2	
		(+) POSITIVE 5
6 -0.2		
<u>, </u>		(-) 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

