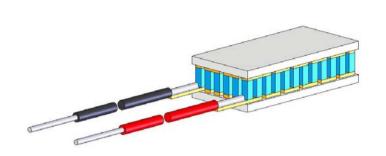
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## SPECIFICATION OF THERMOELECTRIC MODULE TB-35-0.6-1.5



Thermoelectrical parameters	Unit	Value	
Imax	Amps	1.1	
Umax	Volts	4.3	
$\Delta$ Tmax	K	69	
Qmax	Watts	3.0	
$\mathbf{R}_{ac}$ (at 295 K)	Ohm	3.1	
Tolerance	%	±10	
All parameters except $R_{ac}$ are given at $Th=300 K$			

		Standar	d Performance	Graph N⊵1: Qc	= f ( dT )	
2.5	*					
2.0						
1.5 OO						
1.0				4		
0.5						
0.0	10	20	30 dT	40 , K	50	60
• 25% lmax	•	50% lmax	♦7	5% lmax	+1009	% lmax

COLD S	<u>IDE</u>		0.15 A 7 0.1		
1				UD 0.20 /	(00
3,25 ±0,15	SIDE	A 12 +0,5	0.1	\HB-0.20 4 \	סטט
m				(+) POSITIVE	5
6 -0.2					
1				(-) NEGATIVE	5 _

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

