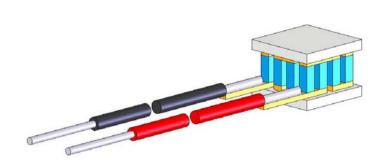
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SPECIFICATION OF THERMOELECTRIC MODULE TB-7-0.6-1.5



Thermoelectrical parameters	Unit	Value
Imax	Amps	1.1
Umax	Volts	0.9
ΔTmax	K	69
Qmax	Watts	0.6
\mathbf{R}_{ac} (at 295 K)	Ohm	0.59
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

		Standar	d Performance	Graph N≘1: Qc	= f (dT)	
0.6						
0.4						
0.3						
0.2						
0.1						
0.0 0	10	20	30 30	, K	50	60
• 25% lmax	•	50% lmax	♦7	5% lmax	+1001	% lmax

COLD SIDE		0.15 A 0.1	LID 0.3	20 4 600
3,25 ±0,15 TOT S Z	IDE A	0.1	<u>∏D−U.2</u>	20 4 000
w	4,3 -0,2	-	50	=
			(+) POSITIVE	5
4,3-0,5	_			-
4				-
			(-) 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

