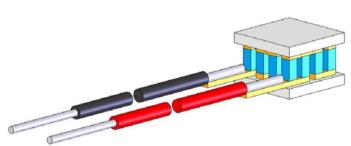
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## SPECIFICATION OF THERMOELECTRIC MODULE TB-7-0.6-1.2



Thermoelectrical parameters	Unit	Value
Imax	Amps	1.4
Umax	Volts	0.9
ΔTmax	K	69
Qmax	Watts	0.7
$\mathbf{R}_{ac}$ (at 295 K)	Ohm	0.51
Tolerance	%	±10
All parameters except $R_{ac}$ are given at $Th=300 K$		

0.8	Standard Performance Graph №1: Qc = f ( dT )					
0.0						
0.7						
0.6		*				
0.5			1			
0.4 0.4				*		
0.3						
0.2						
0.1						
0.0	0 10	) 20	30	40 dT, K	50	60
• 25% I	lmax	• 50% Imax		∘75% lmax	+100%	lmax

COLD SIDE	// 0.15 A 0.1	
2,95 ±0,15 10H S	HB-C	0.20 4 600
[7]	4,3 +0,5 50	=-
	(+) POSITIVE	5
4,3 -0,2		
7	(–) NEGATIV	E 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

