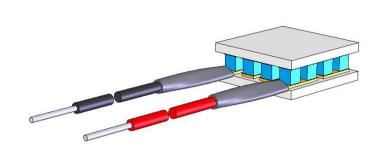
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SPECIFICATION OF THERMOELECTRIC MODULE TB-7-1.4-1.5



Thermoelectrical parameters	Unit	Value
Imax	Amps	6.1
Umax	Volts	0.9
ΔTmax	K	69
Qmax	Watts	3.3
\mathbf{R}_{ac} (at 295 K)	Ohm	0.11
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

	3.5		Standard	Performance G	raph N⊵1: Qc =	f(dT)		
	3.0							
	2.5							
#1	2.0							
ć	1.5			*				
	1.0							
	0.5							
	0.0	10	20	30 dT,	40 K	50	60	70
	→ 25% Imax		◆ 50% Imax		% Imax	+100% lm	ax	

COLD SIDE	0.03 A 0.02
HOT SIDE A	HB-0.35 4 600
10 +0,5	120 (+)POSITIVE
10 +0.5	(–)NEGATIVE

Assembly parameters	Unit	Value	
Wires	HB-0.35 4 600		
Cross section	mm ²	0.35	
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
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