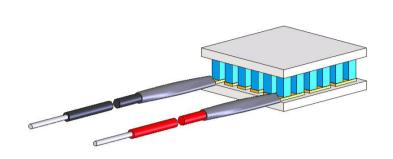
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SPECIFICATION OF THERMOELECTRIC MODULE TB-17-1.0-2.0



Thermoelectrical parameters	Unit	Value
Imax	Amps	2.3
Umax	Volts	2.1
ΔTmax	K	70
Qmax	Watts	3.1
\mathbf{R}_{ac} (at 295 K)	Ohm	0.65
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

25	Stan	dard Perfoma	nce Graph Nº	1: Qc = f (dT)		
3.5							
3.0							
2.5							
2.0							
1.5							
1.0							
0.5							
0.0	0 20	30	40 dT, K	50	60	70	8
• 25% Imax	◆50% Imax		+75% Imax		+100% Imax		

COLD SIDE 0.02	
HOT SIDE A HB-0.35 4 6	→ 500
11,5 +0,5 11,5 +0,5 (+) POSITIVE	-
(-) NEGATIVE _5	-

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
-		

