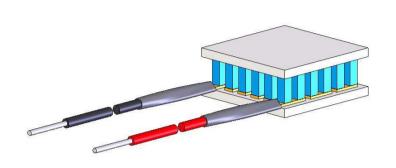
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SPECIFICATION OF THERMOELECTRIC MODULE TB-17-1.0-2.5



Thermoelectrical parameters	Unit	Value
Imax	Amps	1.9
Umax	Volts	2.1
Δ Tmax	K	70
Qmax	Watts	2.5
\mathbf{R}_{ac} (at 295 K)	Ohm	0.85
Tolerance	%	±10
All parameters except R_{ac} are given at $Th=300 K$		

1.2	Stand	ard Perfornance (Graph N≘1: Qc = f (dT)		
1.0						
0.8						
9.0 Oc. West						
0.4						
0.2						
0.0 0 1	0 20	30 44 dT,	0 50 .K	60	70	80
◆ 25% Imax	◆ 50% Imax		5% Imax	+100% Imax		

COLD SIDE	7: 7:	03 A D.02		
HOT SIDE	11,5 ^{+0,5}		HB-0.35	5 4 600
11,5-0,2	11, 5 -0,2		POSITIVE	5
		(-)	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

