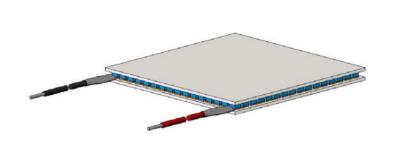
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## SPECIFICATION OF THERMOELECTRIC MODULE TB-127-2.0-1.15



Thermoelectrical parameters	Unit	Value
Imax	Amps	16.1
Umax	Volts	15.7
ΔTmax	K	69
Qmax	Watts	156
$\mathbf{R}_{ac}$ (at 295 K)	Ohm	0.75
Tolerance	%	±10
All parameters except $R_{ac}$ are given at Th=300 K		

160		Standard F	erfomance Gra	ph N≘1: Qc = f (	dT)		
140							
120							
100							
Oc. Watt							
60							
40							
20							
0 0	10	20	30 dT, K	40	50	60	70
• 25% Imas	•	50% Imax	+ 75% 1	max	+100% lma	ix	

3,4 ±0,05	COLD SIDE	HB-0.35 4 600 120 (+) POSITIVE
4,8-0,2		5
		(-) NEGATIVE

Assembly parameters	Unit	Value	
Wires	HB-0.35 4 600		
Cross section	mm <sup>2</sup>	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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