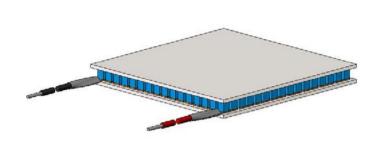
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SPECIFICATION OF THERMOELECTRIC MODULE TB-127-2.0-2.5



Thermoelectrical parameters	Unit	Value
Imax	Amps	7.6
Umax	Volts	16.3
ΔTmax	K	72
Qmax	Watts	76
\mathbf{R}_{ac} (at 295 K)	Ohm	1.65
Tolerance	%	±10
All parameters except R_{ac} are given at $Th=300 K$		

80	Stand	lard Perfornance Grap	oh N≘1:Qc = f (d	Τ)		
70						
60						
50						
40						
30						
20						
10						
0 10) 20	30 40	50	60	70	
• 25% Imax	◆ 50% Imax	dT, K + 75% In	200	+100% Imax		

4,8 ±0,05	COLD SIDE	HB-0.35 4 600
4,8 422	_	(+) POSITIVE 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
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