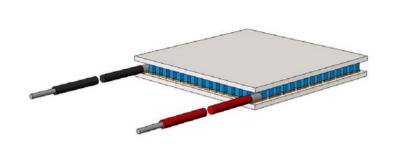


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## SPECIFICATION OF THERMOELECTRIC MODULE TB-127-1.0-1.5



Thermoelectrical parameters	Unit	Value		
Imax	Amps	3.1		
Umax	Volts	15.7		
ΔTmax	K	69		
Qmax	Watts	29.9		
<b>R</b> <sub>ac</sub> (at 295 K)	Ohm	3.65		
Tolerance	%	±10		
All parameters except $R_{ac}$ are given at Th=300 K				

Unit

mm<sup>2</sup>

°C

°C

Value

0.35

139

not

HB-0.35 4 600

Not

Not

Assembly

parameters

Wires

**Cross section** 

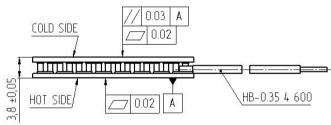
Metallization

Sealing

**Internal solder** 

Brazing solder

	Standard Performance Graph №1: Qc = f ( dT )						
30							
25							
20							
Mart 00' Noat							
10							
5 -							
۰L	10	20	30 dT, k	40	50	60	70
<del>-</del> 25%	Imax	◆ 50% Imax	÷ 75%		+100% lm	ЭХ	



Bruzing soluci	oraci C		not		
Operational para	meters	Unit	Value		
Working temper range	ature	°C	-50 ÷ +80		
Max. processi temperatur	_	°C	130		
ROHS complia	nce		YES		

