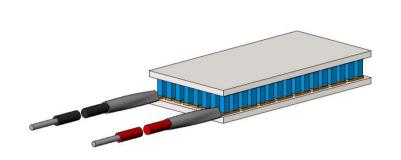
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SPECIFICATION OF THERMOELECTRIC MODULE TB-63-1.0-2.5



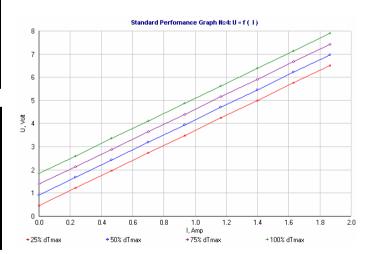
Thermoelectrical parameters	Unit	Value
Imax	Amps	1.9
Umax	Volts	7.9
ΔTmax	K	70
Qmax	Watts	9.1
\mathbf{R}_{ac} (at 295 K)	Ohm	3.0
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

40	Standard I	Perfomance Graph №	1: Qc = f (dT)	
10				
O C, Watt				
2				
0 10	20 3	0 40 dT, K	50 60	70 80
• 25% Imax	◆ 50% Imax	+ 75% Imax	+100% Imax	

	COLD SIDE	// 0.03 A // 0.02		
4,8 ±0,05	HOT SIDE			HB-0.35 4 600
4		30 ^{+0,5} -0,2	1	(+) POSITIVE 120
15 40.5				5
5		2		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
-		



(-) NEGATIVE