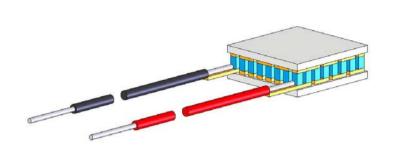
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SPECIFICATION OF THERMOELECTRIC MODULE TB-31-0.6-1.0



Thermoelectrical parameters	Unit	Value
Imax	Amps	1.7
Umax	Volts	3.8
ΔTmax	K	69
Qmax	Watts	3.9
\mathbf{R}_{ac} (at 295 K)	Ohm	1.7
Tolerance	%	±10
All parameters except R_{ac} are given at $Th=300 K$		

	Stand	ard Perfornance Graph №1: Q	c = f (dT)
4.0			
3.5			
3.0			
2.5			
2.0 Asit			
1.5			
1.0		*	
0.5			
0.0	10 20	30 40	50 60
		dT,K	
• 25% Imax	∘ 50% lmax	♦75% lmax	+100% lmax

	COLD SII	DE //	0.15 A 7 0.1	
2,75 ±0,15	HOT SIE		_/ U.1	20 4 600
7		8 -0,2	<u>-</u>	50
				(+) POSITIVE
	8 +0.5 8 -0.2	-		5 5
				(–) NEGATIVE

Assembly parameters	Unit	Value
Wires	HB-0.20 4 600	
Cross section	mm ²	0.20
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

