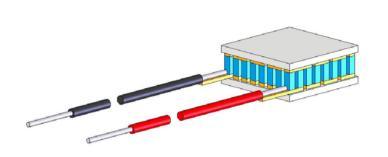


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SPECIFICATION OF THERMOELECTRIC MODULE TB-31-0.6-1.5



Thermoelectrical parameters	Unit	Value
Imax	Amps	1.1
Umax	Volts	3.8
ΔTmax	K	69
Qmax	Watts	2.6
\mathbf{R}_{ac} (at 295 K)	Ohm	2.55
Tolerance	%	±10
All parameters except R_{ac} are given at $Th=300 K$		

	Standard Performance Graph №1: Qc = f (dT)				
3.0					
2.5	_				
2.0					
1.5					
1.0			*		
0.5			-		
0.0	10 20) 30 d	40 T, K	50	60
• 25% lmax	∘ 50% lma		75% lmax	+100% li	nax

Ī	COLD SIE		D. 0.20 J. (00
3,25 ±0,15	HOT SIE	DE/A $O.1$	B-0.20 4 600
3,25		8 ^{+0,5}	50
	+		(+) POSITIVE
	8 +0,5		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
ROHS compliance		

