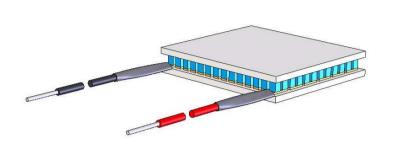
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SPECIFICATION OF THERMOELECTRIC MODULE TB-83-1.0-1.3



Unit	Value	
Amps	3.6	
Volts	10.3	
K	69	
Watts	22.5	
Ohm	2.2	
%	±10	
All parameters except R_{ac} are given at Th=300 K		
	Volts K Watts Ohm	

	Standard	d Perfomance Graph №1: Qc :	=f(dT)	
24				
22				
20	+			
18				
16				
± 14				
## 14 % 0 12				
10				
8				
6				
4				
2				
0	10 20	30 40	50 60	70
• 25% Imax	◆50% Imax	dT, K + 75% Imax	+100% Imax	

COLD SIDI	0.03 A 0.02	
3,6 ±0,05 ED	SIDE A	\HB-0.35 4 600
<u>, </u>	19 +0.5	120
		(+) POSITIVE
+0,5 -0,2		5
22	_	(–) NEGATIVE

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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