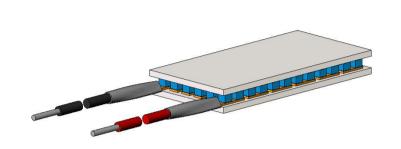


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SPECIFICATION OF THERMOELECTRIC MODULE TB-35-1.4-1.15



Thermoelectrical parameters	Unit	Value
Imax	Amps	7.9
Umax	Volts	4.3
ΔTmax	K	69
Qmax	Watts	21
R _{ac} (at 295 K)	Ohm	0.4
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

		Standard	Performance Gra	nph N≘1: Qc = f (dT)		
24							
22							
20							
18							
16							
₩ 14							
14 Oc. Watt							
10		·					
8			_				
6							
4							
2							
ه لــــــــــــــــــــــــــــــــــــ	10	20	30 dT, K	40	50	60	70
• 25% Imax	•	50% Imax	+ 75%	lmax	+100% Ima	эх	

COLD	SIDE // 0.03 A / 0.02		
36 ±0.05 HOT 21D	E		HB-0.35 4 600
	30 ^{+0,5} -0,2	1	20 (+) POSITIVE
15 -0,2			5
<u> </u>			(-) 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

