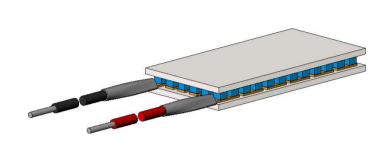


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SPECIFICATION OF THERMOELECTRIC MODULE TB-35-1.4-1.05



Thermoelectrical parameters	Unit	Value
Imax	Amps	8.6
Umax	Volts	4.3
ΔTmax	K	69
Qmax	Watts	23
\mathbf{R}_{ac} (at 295 K)	Ohm	0.38
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

24						
22						
20						
18						
16						
14	-					
14						
10						
8						
6						
4						
2						
٥	10 20	30	40	50	60	
Ü	10 20	Tb dT	, K	30		
◆ 25% Imax	◆ 50% Imax		5% Imax	+100% lr	nax	

COLD	SIDE // 0.03 A / 0.02	
3,4 ±0,05 HOT SID	E/A	HB-0.35 4 600
mI	30 +0,5	120 (+) POSITIVE
15 -0,2	-	5
		(-) 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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