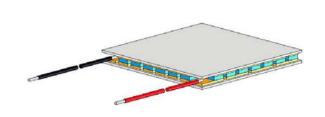
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(-) NEGATIVE

## SPECIFICATION OF THERMOELECTRIC MODULE TB-31-5.0-1.8



<u>COLC</u>	) SIDE	0.03	A		_
5,3 ±0,05	IOT SIDE	0.02	Y A	HB-0.35 4	600
55 -0.2	-	<b>55</b> <sup>+0,5</sup> <sub>-0,2</sub>	-	120 (+) POSITIVE	<del>-</del>
15				5	

Thermoelectrical parameters	Unit	Value
Imax	Amps	64.0
Umax	Volts	3.8
ΔTmax	K	68
Qmax	Watts	149.0
$\mathbf{R}_{ac}$ (at 295 K)	Ohm	0.047
Tolerance	%	±10
All parameters except $R_{ac}$ are given at $Th=300 K$		

Assembly parameters	Unit	Value
Wires	HB-0.35 4 600	
Cross section	mm <sup>2</sup>	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

