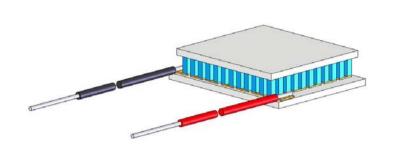
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SPECIFICATION OF THERMOELECTRIC MODULE TB-66-0.45-1.3



Thermoelectrical parameters	Unit	Value
Imax	Amps	0.7
Umax	Volts	8.0
ΔTmax	K	67
Qmax	Watts	3.5
R _{ac} (at 295 K)	Ohm	10.0
Tolerance	%	±10
All parameters except R_{ac} are given at Th=300 K		

25		Standar	d Perfornance	Graph Nº1: Q	c = f (dT)	
3.5						
3.0						
2.5		*				
# 2.0		*				
2.0 × 2.0 × 2.0 × 2.0 × 2.5 ×		,				
1.0						
0.5						7
0.0	10	20	30	40	50	60
			ď	, K		
• 25% lmax		50% lmax	⋄7	5% lmax	+1009	% Imax

COLI	D SIDE //	0.15 A 7 0.1		
2,3 ±0,15	T SIDE A	0.1	HB-0.20 4 600	<u> </u>
2,3	9,1-0.2		50 (+) POSITI	
11,5 -0.2 9,9 -0.2			-	5 -
ļ <u>ļ</u>		=	(–) NEGAT	5 IVE

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
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