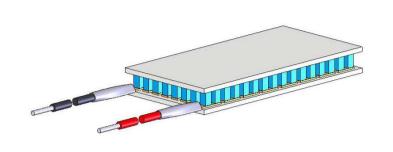
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SPECIFICATION OF THERMOELECTRIC MODULE TB-63-1.4-2.5



Thermoelectrical parameters	Unit	Value	
Imax	Amps	3.7	
Umax	Volts	8.1	
ΔTmax	K	72	
Qmax	Watts	18.6	
R _{ac} (at 295 K)	Ohm	1.6	
Tolerance	%	±10	
All parameters except R_{ac} are given at Th=300 K			

				Sta	ndard Perfo	mance Graph N	l≘1:Qc = f (d	T)		
	20									
	18									
	16									
	14		*							
	12		-	The state of the s						
Qc, Watt	10									
_	8									
	6									
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	(0	10	20	30	40 dT, K	50	60	70	80
	- 253	% Imax		◆ 50% Imax		+ 75% Imax		+100% lm	ax	

4.9 ±0,05	CILD SIDE HOT SIDE	0.03	A A	HB-0.35 4 600
20-02 4,9		40 -0.2		120 (+) POSITIVE
,				(-) 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

