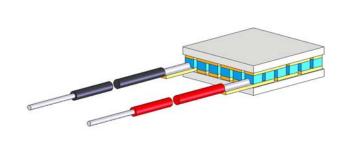
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## SPECIFICATION OF THERMOELECTRIC MODULE TB-17-1.0-0.7



Thermoelectric parameters	Unit	Value
Imax	Amps	6.6
Umax	Volts	2.1
$\Delta$ Tmax	K	68
Qmax	Watts	8.4
$\mathbf{R}_{ac}$ (at 295 K)	Ohm	0.24
Tolerance	%	±10
All parameters except $R_{ac}$ are given at Th=300 K		

9	Stand	lard Perfornance Graph №1: Qc =	f(dT)	
8				
7				
6		*		
5 OC, Watt		*		
Ö 4				
3				
2				
1				
۰	10 20	30 40	50 60	70
Ü	10 20	dT, K	30 00	70
■ 25% Imax	∘ 50% lmax	♦75% lmax	+100% Imax	

COLD SI	// 0.15 A 0.1
2,45 ±0,15	SIDE A 0.1 HB-0.20 4 600
(7)	8 -0,2 50
-	(+) POSITIVE
8-0.2	5
	(–) NEGATIVE

Assembly parameters	Unit	Value
Wires	HB-0.20 4 600	
Cross section	mm <sup>2</sup>	0.20
Metallization	Not	
Sealing	Not	
Internal solder	°C	139
Brazing solder	°C	Not

Operation parameters	Unit	Value
Working temperature range	°C	-50 ÷ +80
Max. processing temperature	°C	120
ROHS compliance		YES
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