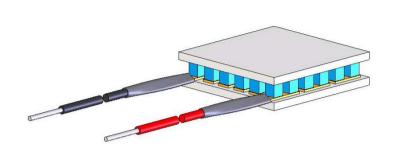
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SPECIFICATION OF THERMOELECTRIC MODULE TB-17-1.4-1.5



Thermoelectrical parameters	Unit	Value
Imax	Amps	6.1
Umax	Volts	2.1
Δ Tmax	K	70
Qmax	Watts	8.0
\mathbf{R}_{ac} (at 295 K)	Ohm	0.25
Tolerance	%	±10
All parameters except R_{ac} are given at $Th=300 K$		

10	Stand	dard Perfoma	ince Graph N≘'	1: Qc = f (dT)		
8							
Go, Walt							
2							
0 10	20	30	40 dT, K	50	60	70	80
◆ 25% Imax	◆ 50% Imax		→ 75% Imax		+100% Ima	×	

COLD SIDE	0.03 A 7 0.02
HOT SIDE	HB-0.35 4 600
	120
15 ^{+0,5} _{-0,2}	(+) POSITIVE
15 -0.5 F-0.2	(-) NEGATIVE 5

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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