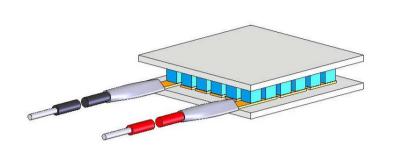
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

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(-)NEGATIVE

## SPECIFICATION OF THERMOELECTRIC MODULE TB-17-2.0-2.5



Thermoelectrical parameters	Unit	Value			
Imax	Amps	7.6			
Umax	Volts	2.2			
ΔTmax	K	72			
Qmax	Watts	10.2			
<b>R</b> <sub>ac</sub> (at 295 K)	Ohm	0.2			
Tolerance	%	±10			
All parameters except $R_{ac}$ are given at Th=300 K					

Unit

 $mm^2$ 

°C

°C

Value

0.35

139

not

HB-0.35 4 600

Not

Not

Assembly parameters

Wires

**Cross section** 

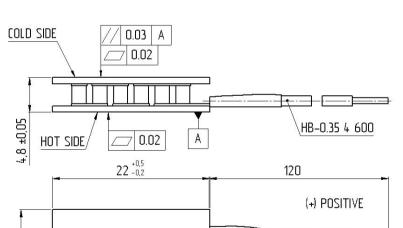
Metallization

**Sealing** 

**Internal solder** 

**Brazing solder** 

	Sta	indard Perfornance	e Graph N≘1: Qc =	f(dT)	
12					
10					
8					
Qc, watt					
4					
2					
0 0	10 20	30 d	40 50 IT, K	60	70 80
◆ 25% Imax	◆ 50% Imax	+	75% Imax	+100% lmax	



Operational parameters	Unit	Value
Working temperature range	°C	-50 ÷ +80
Max. processing temperature	°C	130
ROHS compliance		YES

