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(-) NEGATIVE

## SPECIFICATION OF THERMOELECTRIC MODULE TB-71-1.0-1.3

Assembly

parameters

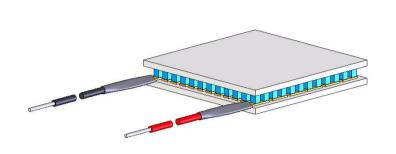
Wires

**Cross section** Metallization

Sealing

**Internal solder** 

**Brazing solder** 



Thermoelectrical parameters	Unit	Value
Imax	Amps	3.6
Umax	Volts	8.8
ΔTmax	K	69
Qmax	Watts	19.3
$\mathbf{R}_{ac}$ (at 295 K)	Ohm	1.8
Tolerance	%	±10
All parameters except $R_{ac}$ are given at Th=300 K		

Unit

 $\overline{\text{mm}^2}$ 

°C

°C

Value

0.35

139

not

HB-0.35 4 600

Not

Not

20 1	Standard Performance Graph №1: Qc = f ( dT )
18	
ļ	
16	
14	
12	
0c, Watt	
ق 8	
6	
4	
2	
o l	10 20 30 40 50 60 70
<b>-</b> 25%	dT, K Imax

Standard Performance Graph No4: U = f ( 1)

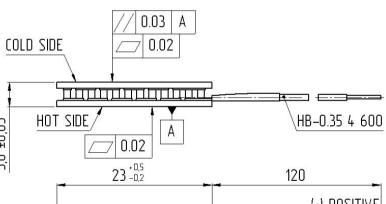
I, Amp

+ 75% dTmax

+100% dTmax

- 50% dTmax

25% dTmax



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

