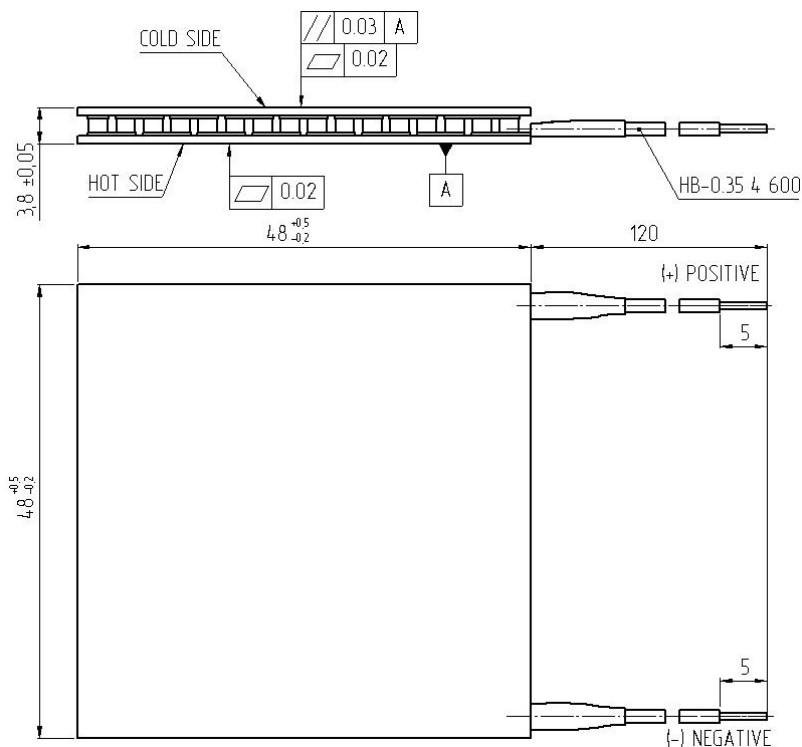
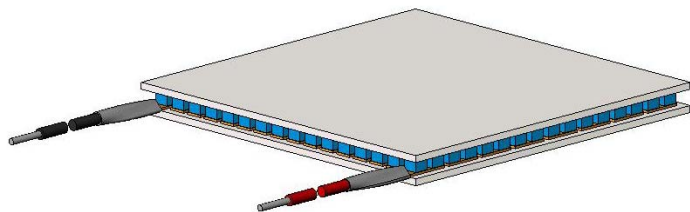


SPECIFICATION OF THERMOELECTRIC MODULE TB-127-2.0-1.5


Thermoelectrical parameters	Unit	Value
I_{\max}	Amps	12.4
U_{\max}	Volts	15.9
ΔT_{\max}	K	70
Q_{\max}	Watts	122
R_{ac} (at 295 K)	Ohm	0.95
Tolerance	%	± 10

All parameters except R_{ac} are given at $T_h=300 \text{ K}$

Assembly parameters	Unit	Value
Wires		HB-0.35 4 600
Cross section	mm^2	0.35
Metallization		Not
Sealing		Not
Internal solder	$^{\circ}\text{C}$	139
Brazing solder	$^{\circ}\text{C}$	not

Operational parameters	Unit	Value
Working temperature range	$^{\circ}\text{C}$	$-50 \div +80$
Max. processing temperature	$^{\circ}\text{C}$	130
ROHS compliance		YES

