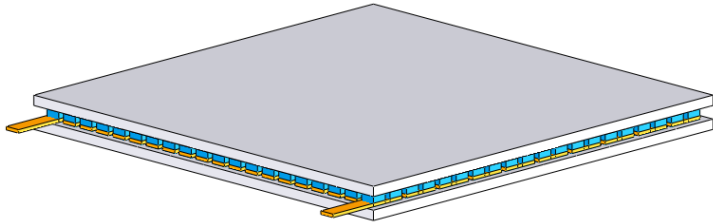


SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-199-1.4-1.15



Thermoelectric parameters	Unit	Value
Output power, P* (at $T_h=200^{\circ}\text{C}$, $T_c=30^{\circ}\text{C}$)	W	10,0
I_{load}^*	A	2,2
U_{load}^*	V	4,6
R_{ac} (at 200°C), $\pm 10\%$	Ohm	2,1
R_t	K/W	0,81

* for $R_{load}=R_{ac}$

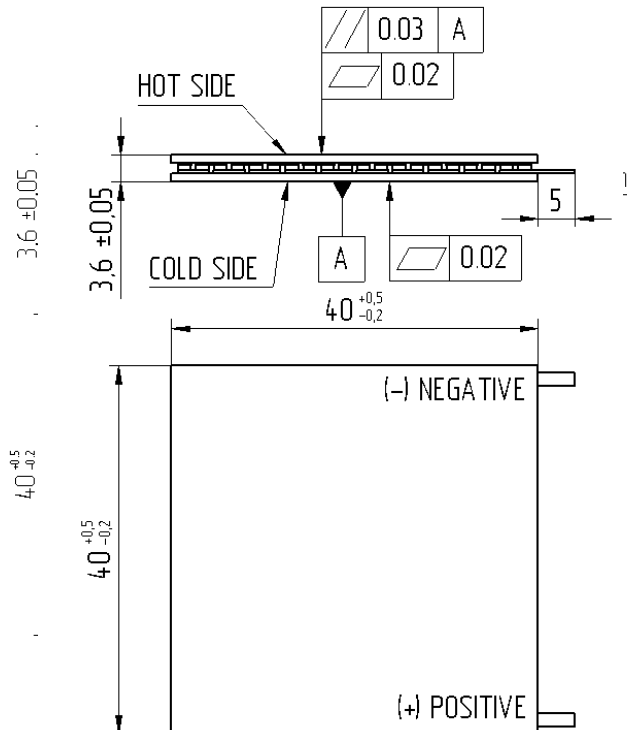
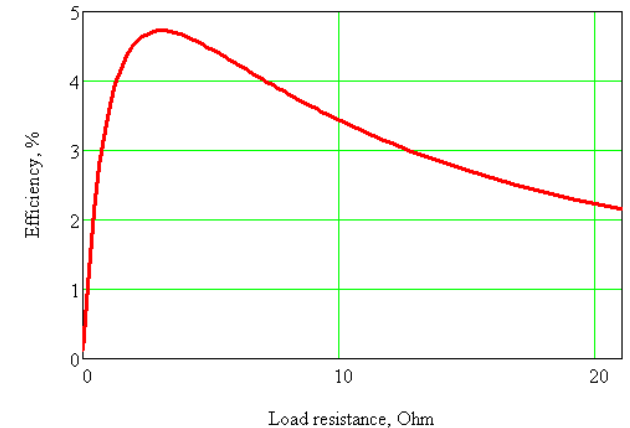
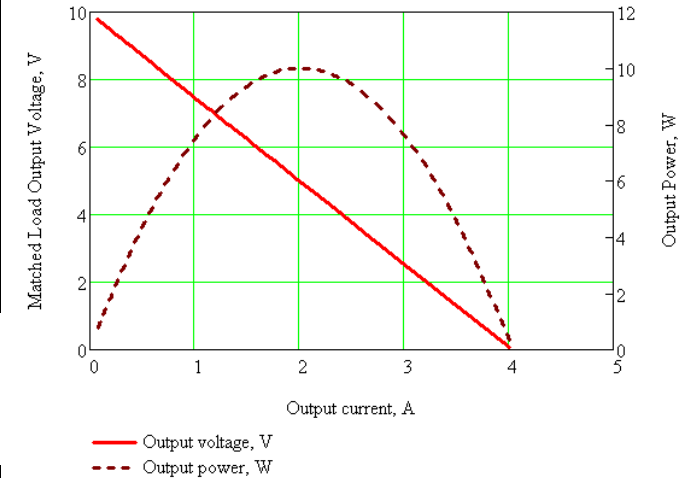
R_{ac} – internal TGM resistance at working temperature;

R_{load} – load resistance;

R_t – heat resistance.

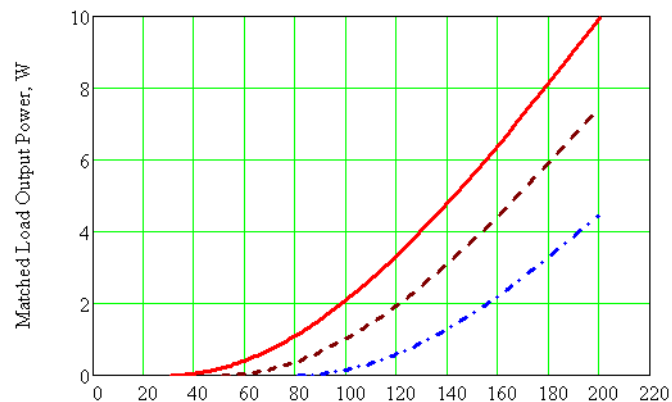
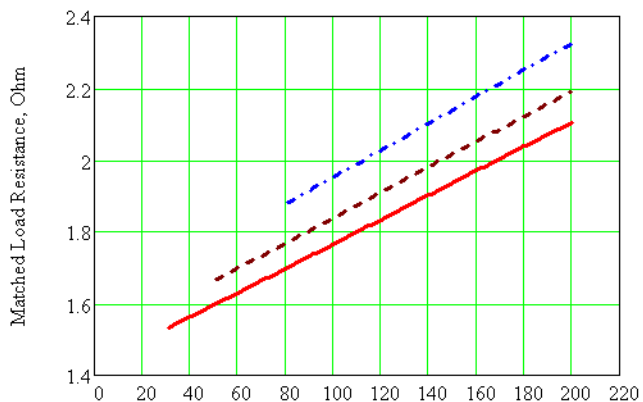
Operation parameters	Unit	Value
Working temperature	$^{\circ}\text{C}$	200
Max. processing temperature	$^{\circ}\text{C}$	220

Additional options	Notations
Height tolerance up to, mm	$\pm 0,015$
Flatness up to, mm;	0,01
Parallelism up to, mm;	0,01
Sealants: epoxy, urethane	E, U
Type and length of lead wires	Up to customer's requirements
Assembling into arrays	Up to customer's requirements



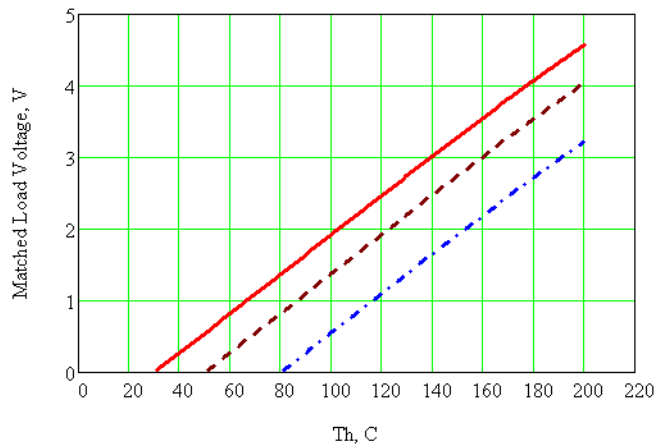
Please refer to our standard assembling recommendations at our [site](#)

SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-199-1.4-1.15



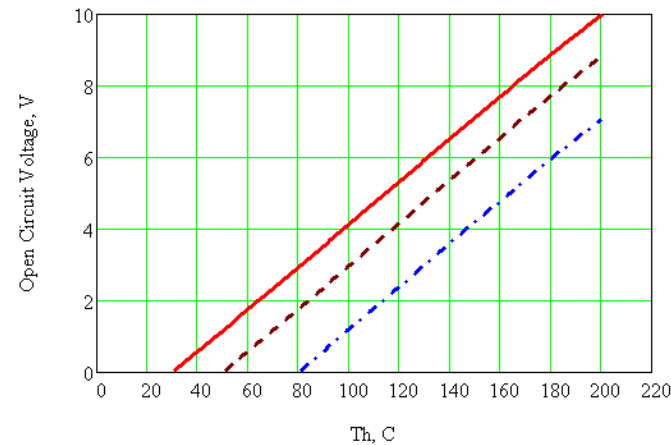
Th, C

Th, C



Matched Load Current, A

Th, C



Open Circuit Voltage, V

Th, C

- Tc=30°C
- - - Tc=50°C
- · · Tc=80°C