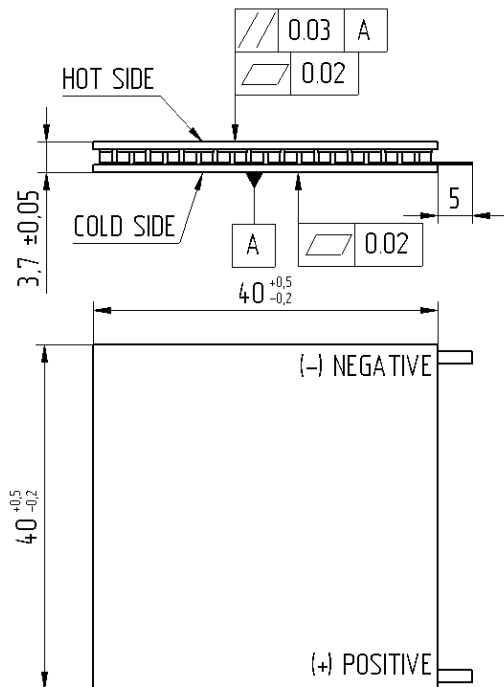
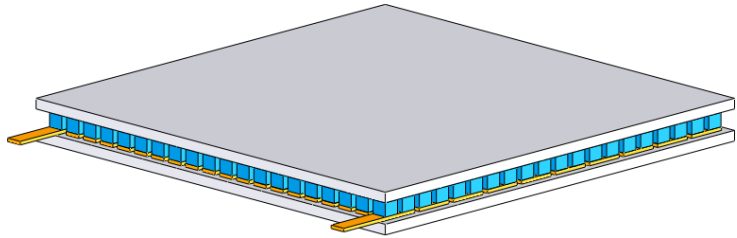


SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-199-1.4-1.2


<i>Thermoelectric parameters</i>	<i>Unit</i>	<i>Value</i>
Output power, P* (at $T_h=200^{\circ}\text{C}$, $T_c=30^{\circ}\text{C}$)	W	9,8
I_{load}^*	A	2,1
U_{load}^*	V	4,6
R_{ac} (at 200°C), $\pm 10\%$	Ohm	2,2
R_t	K/W	0,84

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

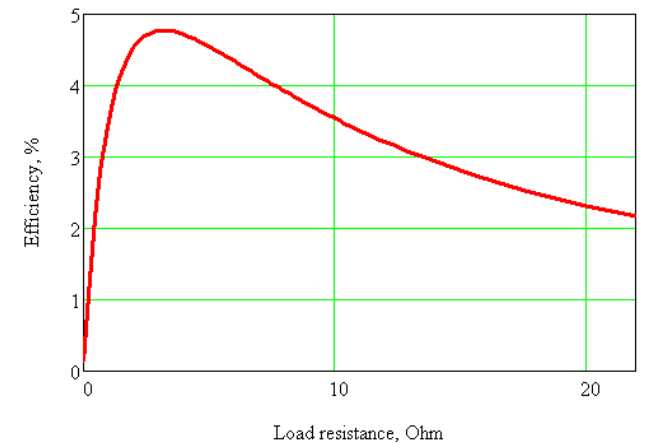
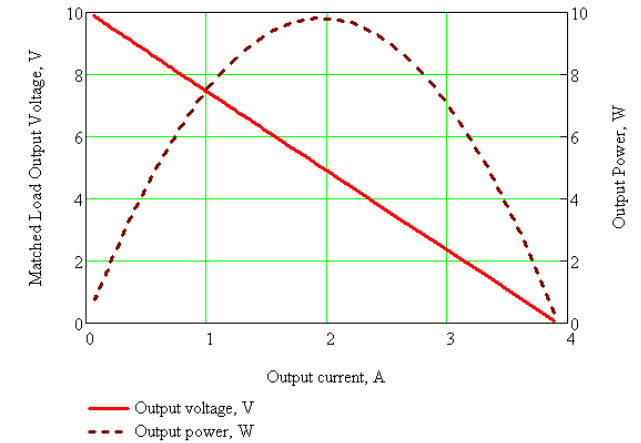
R_{ac} – internal TGM resistance at working temperature;

R_{load} – load resistance;

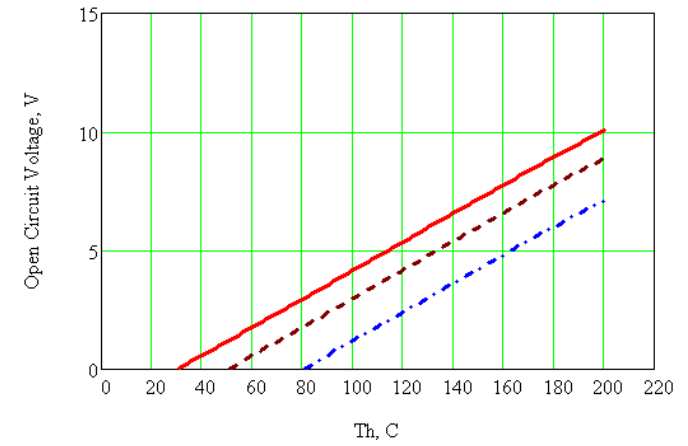
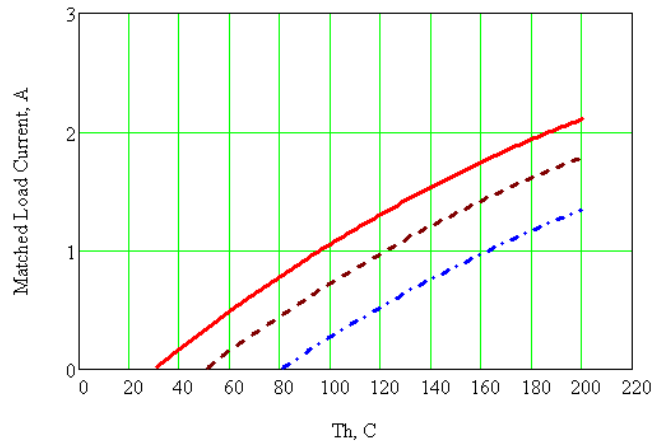
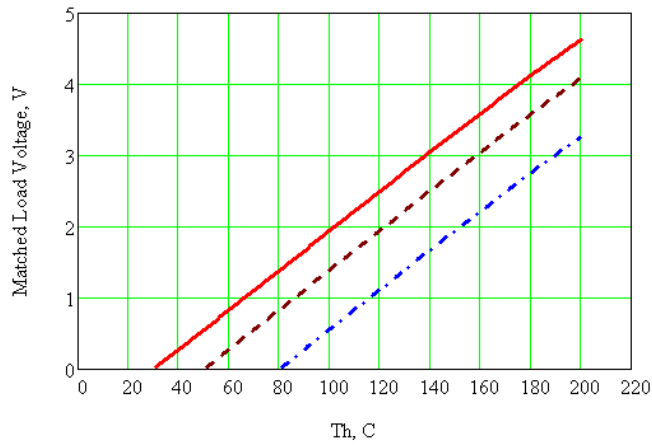
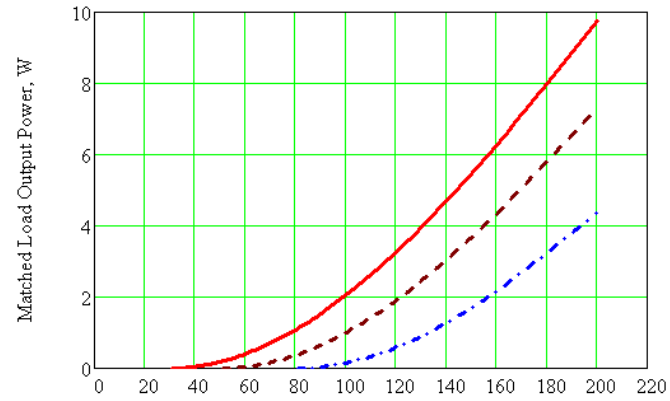
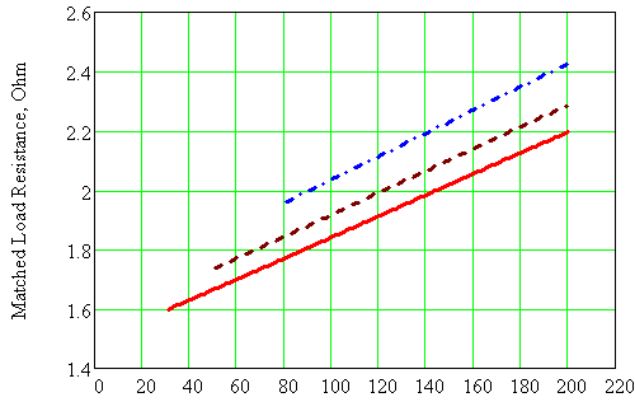
R_t – heat resistance.

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

<i>Additional options</i>	<i>Notations</i>
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-199-1.4-1.2


- Tc=30°C
- - - Tc=50°C
- · · Tc=80°C