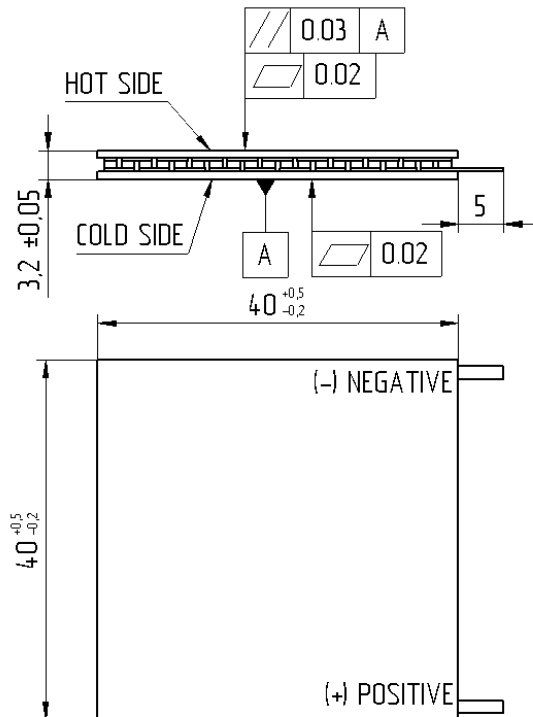
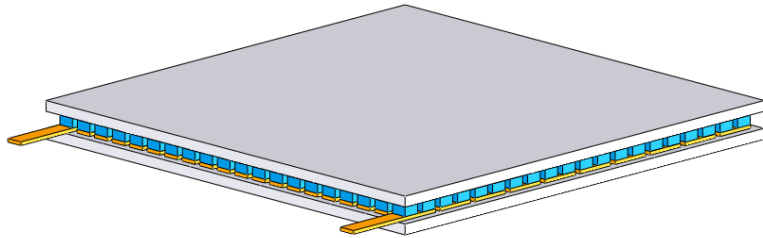


SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-199-1.4-0.8


<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	11,4
I_{load}^*	A	2,80
U_{load}^*	V	4,10
R_{ac} (at 200°C), $\pm 10\%$	Ohm	1,46
R_t	K/W	0,57

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

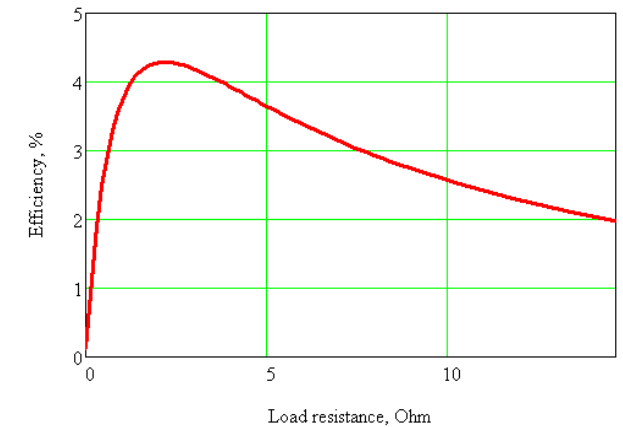
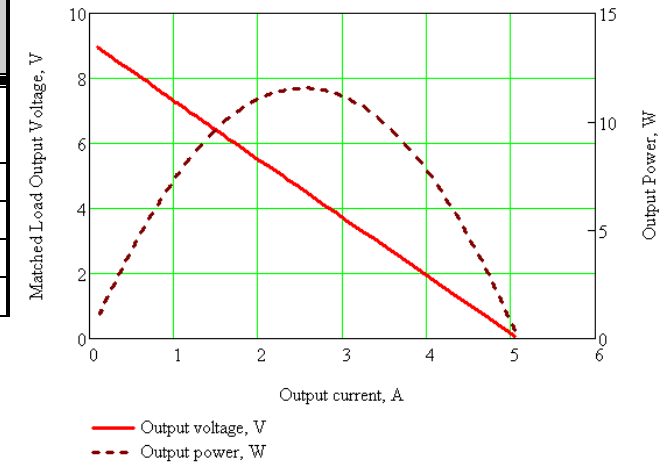
R_{ac} – internal TGM resistance at working temperature;

R_{load} – load resistance;

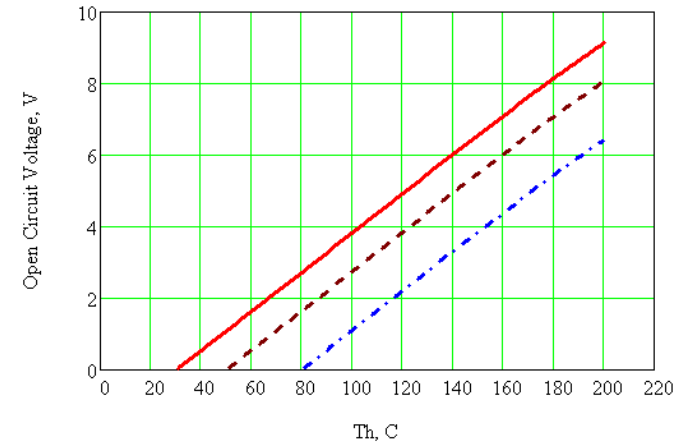
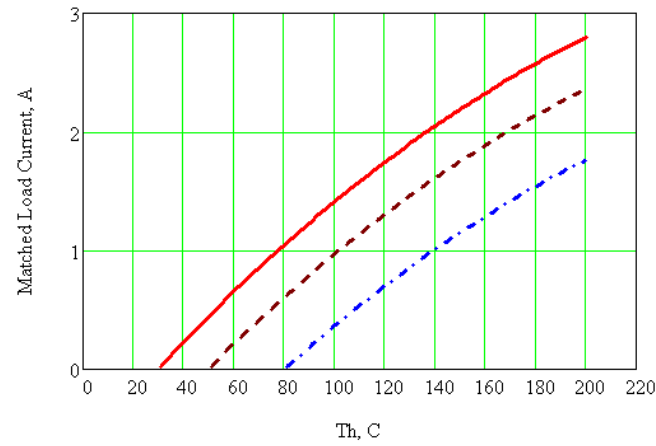
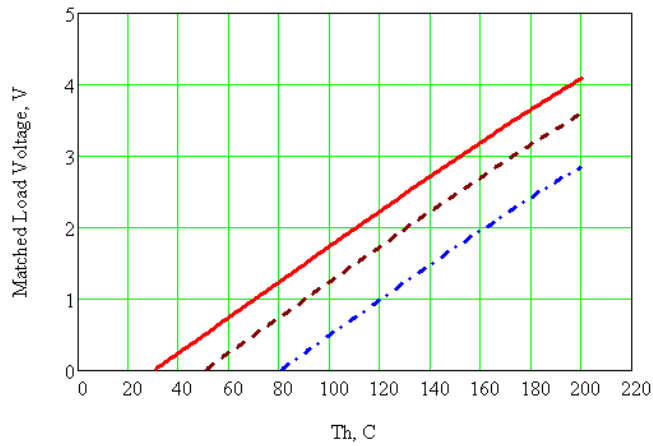
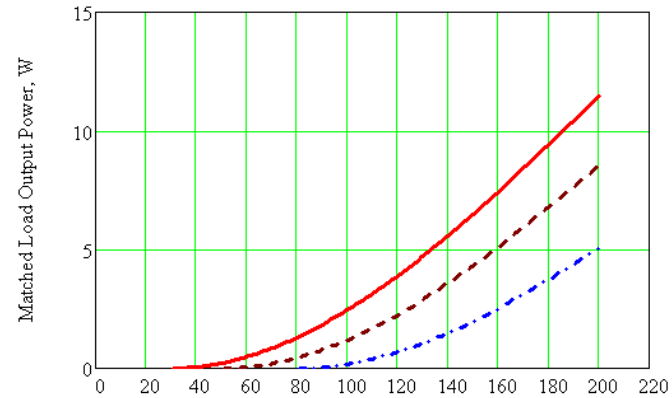
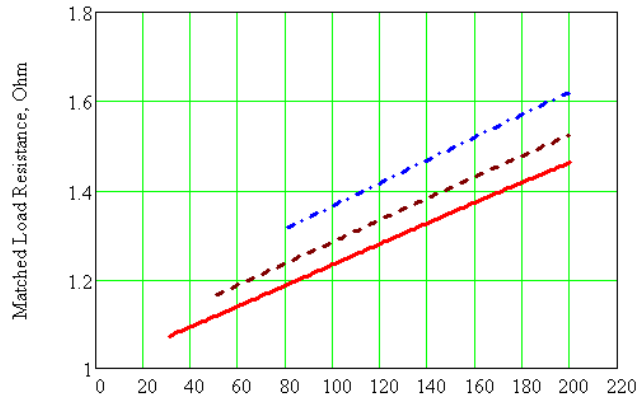
R_t – heat resistance.

<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	



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

SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-199-1.4-0.8


- Tc=30°C
- - - Tc=50°C
- · - · Tc=80°C