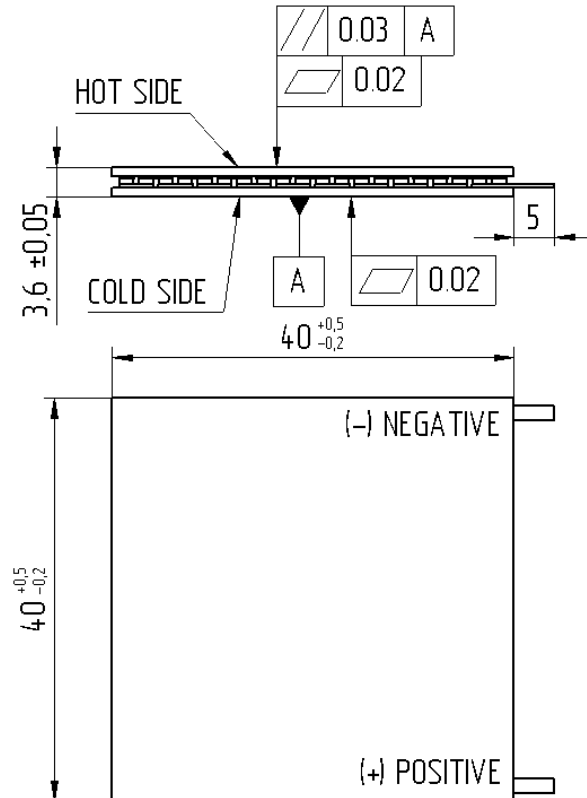
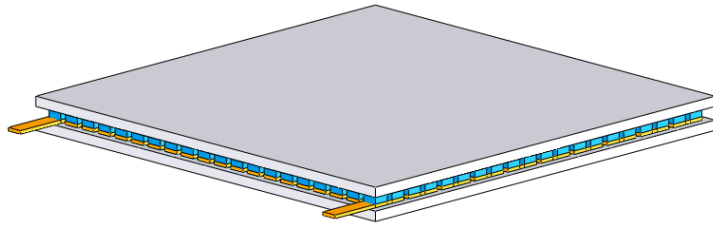


**SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-199-1.4-1.15**


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

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

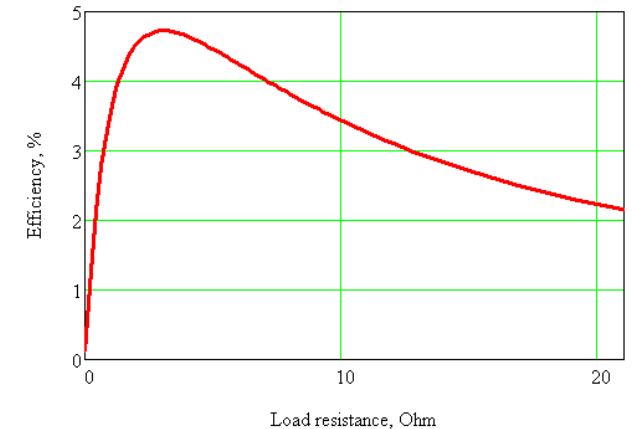
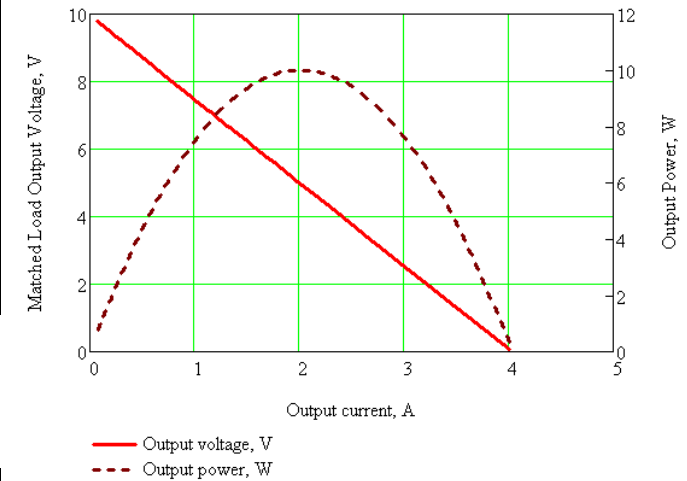
$R_{ac}$  – internal TGM resistance at working temperature;

$R_{load}$  – load resistance;

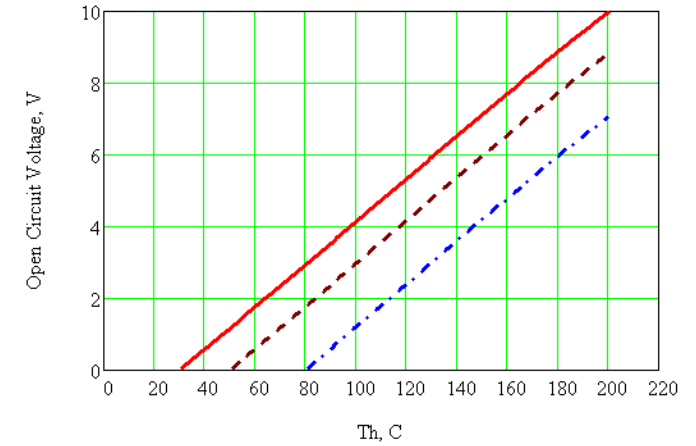
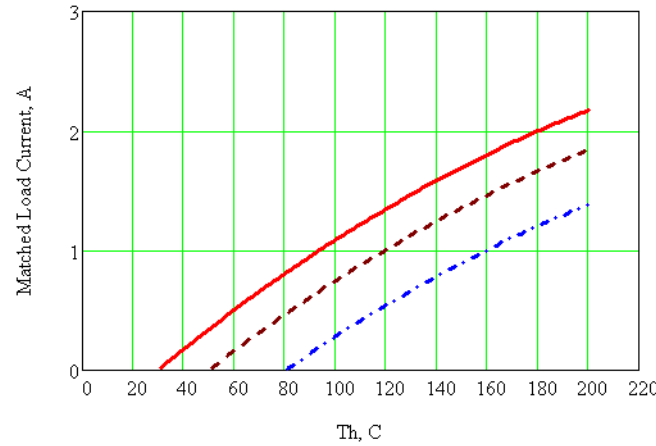
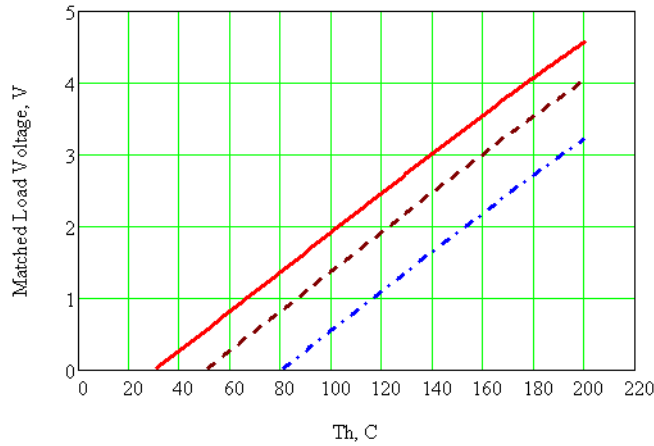
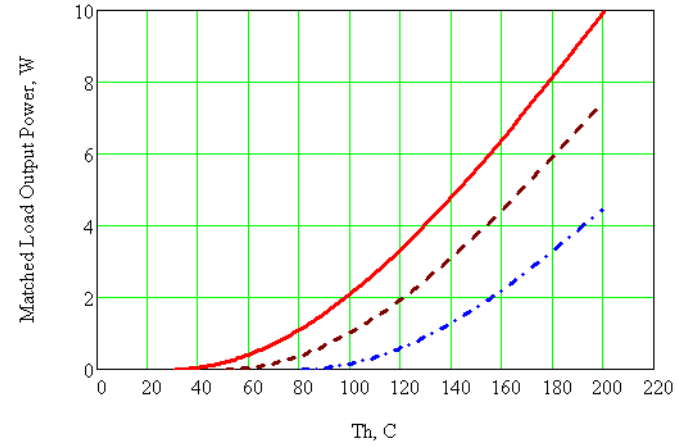
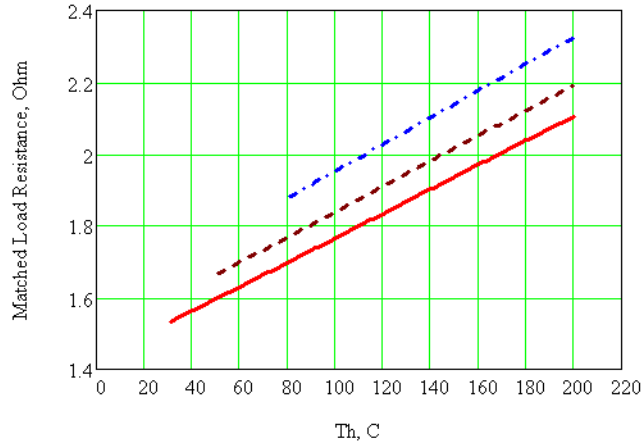
$R_t$  – heat resistance.

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

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



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

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


- Tc=30°C
- - - Tc=50°C
- · · Tc=80°C