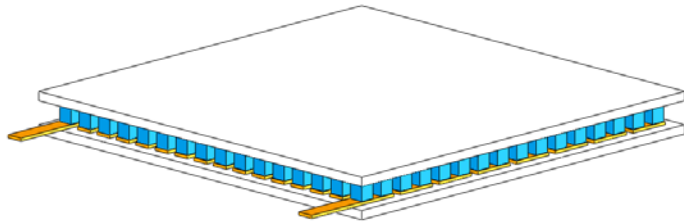


SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-127-1.4-1.5


<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	6,2
I_{load}*	A	1,81
U_{load}*	V	3,4
R_{ac} (at 200°C), $\pm 10\%$	Ohm	1,89
R_t	K/W	1,69

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

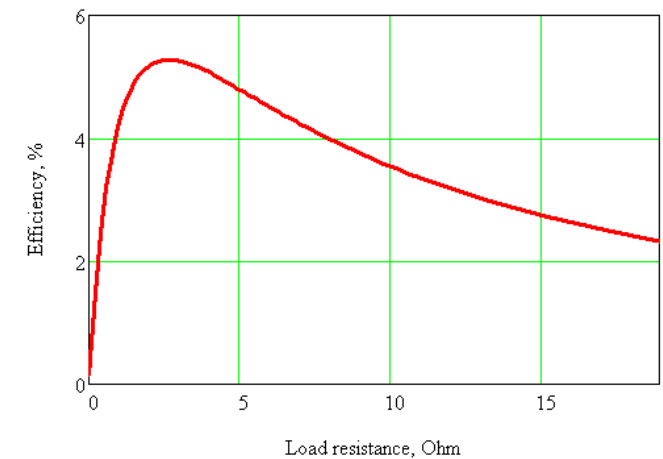
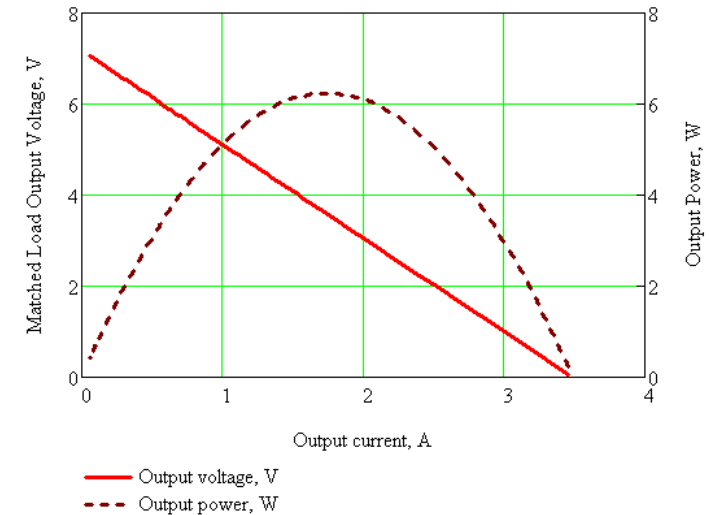
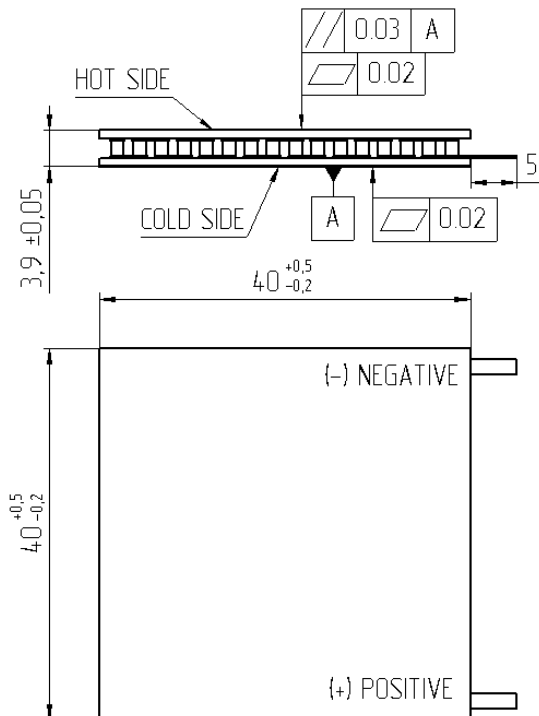
R_{ac} – internal TGM resistance at working temperature;

R_{load} – load resistance;

R_t – heat resistance.

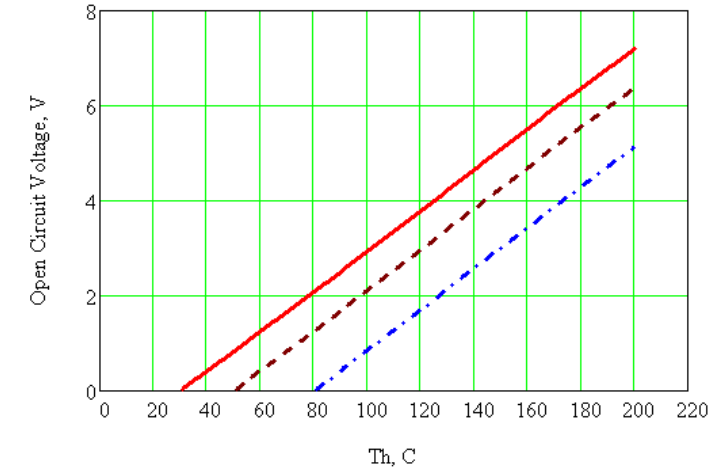
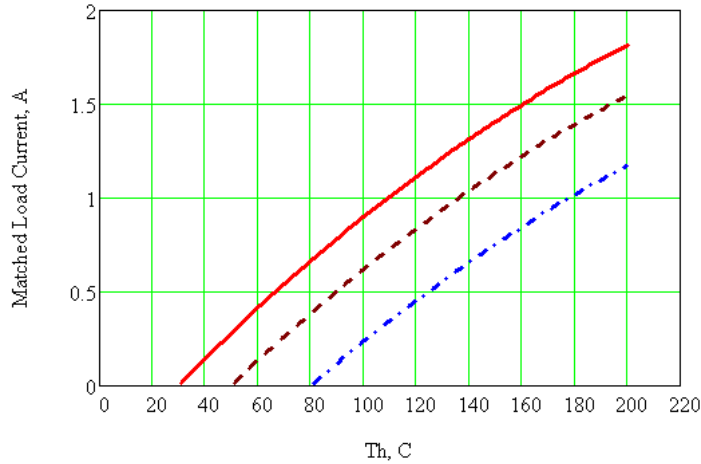
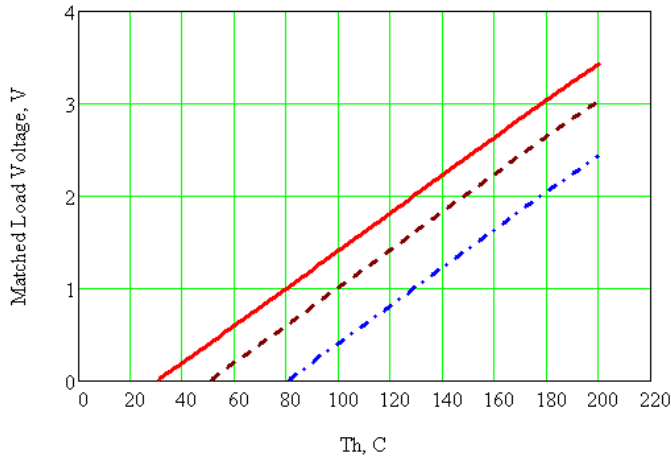
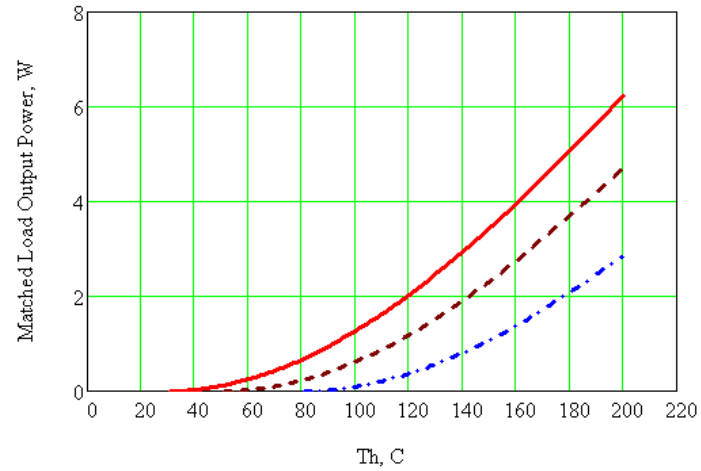
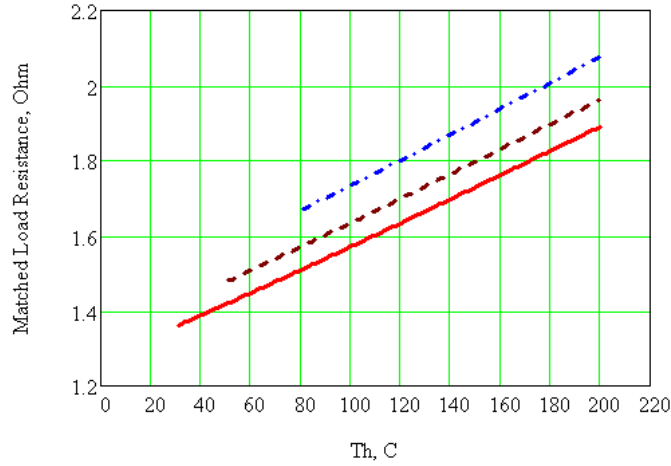
<i>Operation parameters</i>	<i>Unit</i>	<i>Value</i>
Working temperature	$^{\circ}\text{C}$	200
Max. processing temperature	$^{\circ}\text{C}$	220

<i>Additional options</i>	<i>Notations</i>
Height tolerance up to, mm	± 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-127-1.4-1.5



- Tc=30°C
- - - Tc=50°C
- · · Tc=80°C