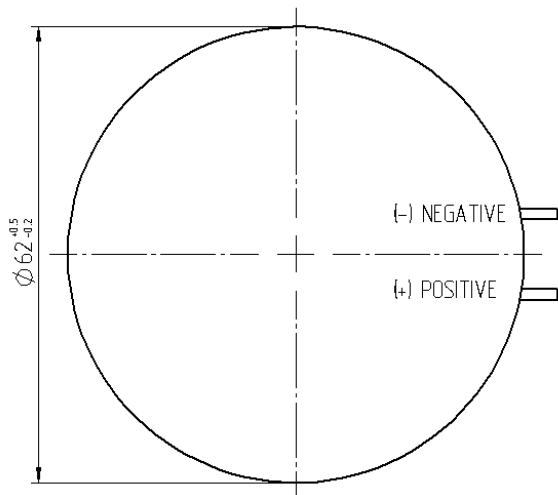
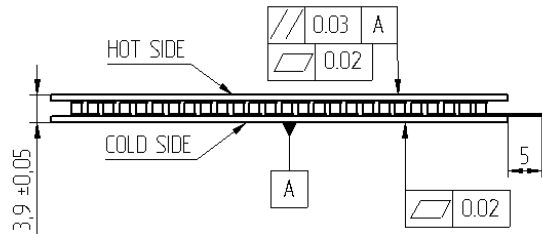
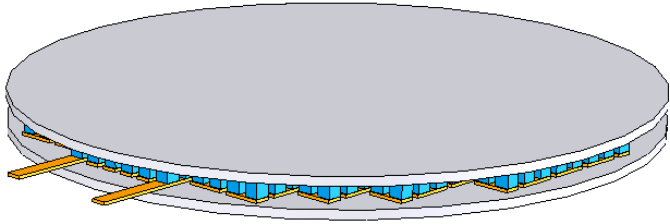


SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-253-1.4-1.5R


Thermoelectric parameters	Unit	Value
Output power, P* (at $T_h=200^\circ\text{C}$, $T_c=30^\circ\text{C}$)	W	12,2
I_{load}^*	A	1,8
U_{load}^*	V	6,8
R_{ac} (at 200°C), $\pm 10\%$	Ohm	3,8
R_t	K/W	0,85

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

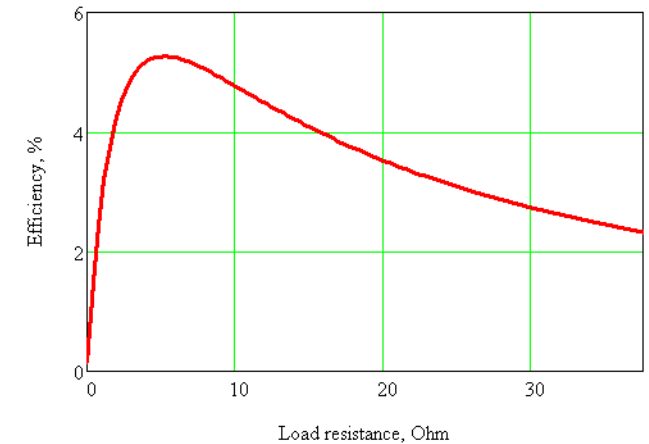
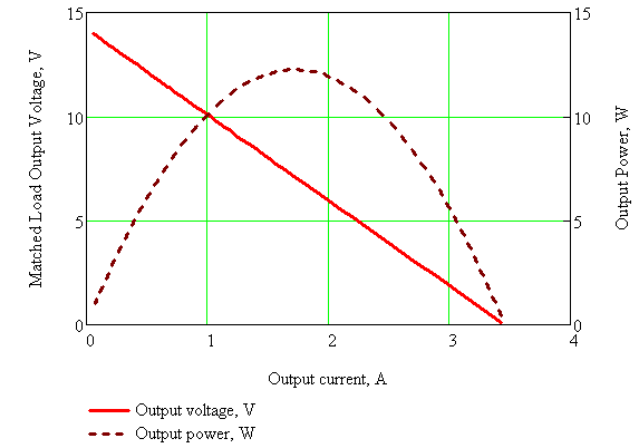
R_{ac} – internal TGM resistance at working temperature;

R_{load} – load resistance;

R_t – heat resistance.

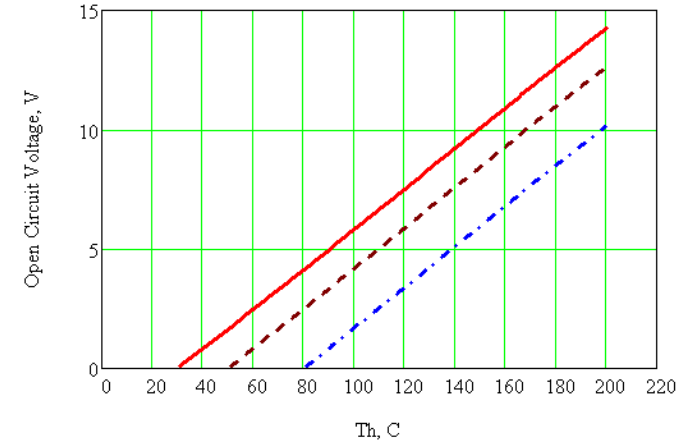
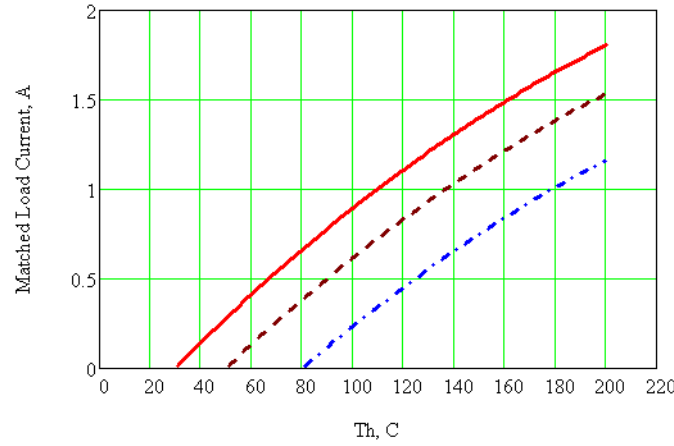
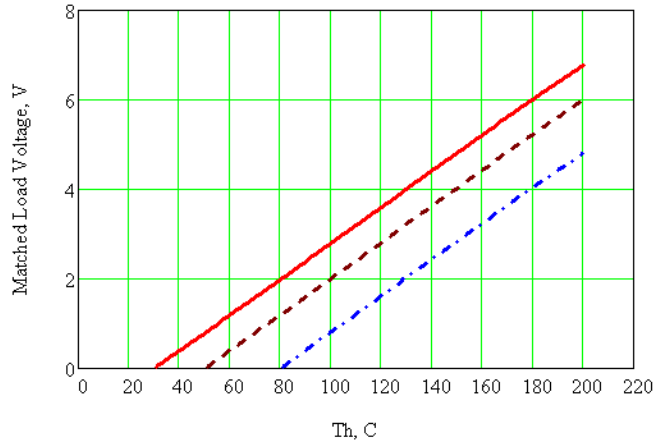
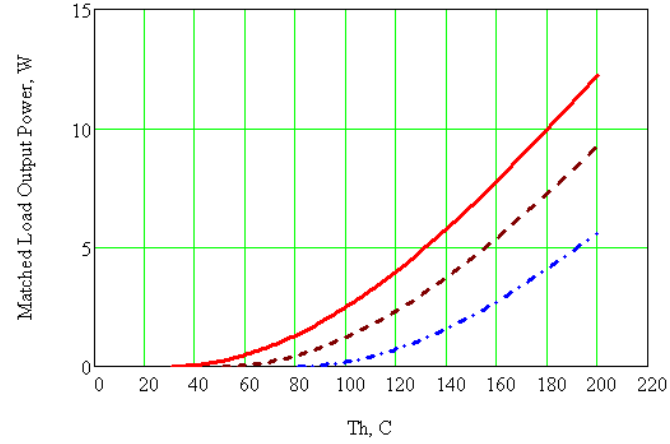
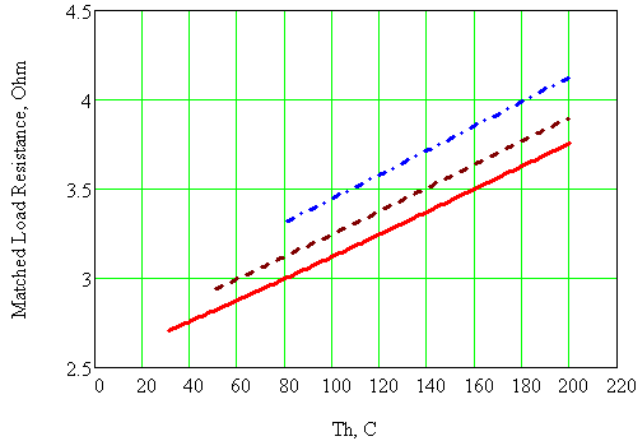
Operation parameters	Unit	Value
Working temperature	$^\circ\text{C}$	200
Max. processing temperature	$^\circ\text{C}$	220

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-253-1.4-1.5R



- $T_c=30^\circ\text{C}$
- - - $T_c=50^\circ\text{C}$
- · - · $T_c=80^\circ\text{C}$