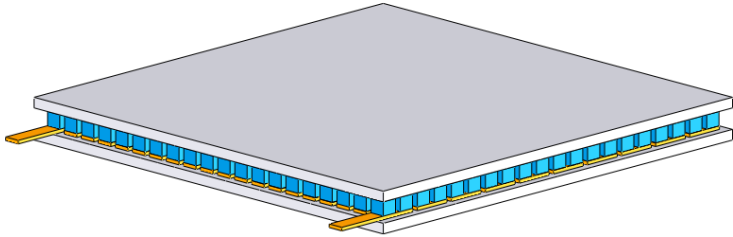


SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-199-1.4-1.2



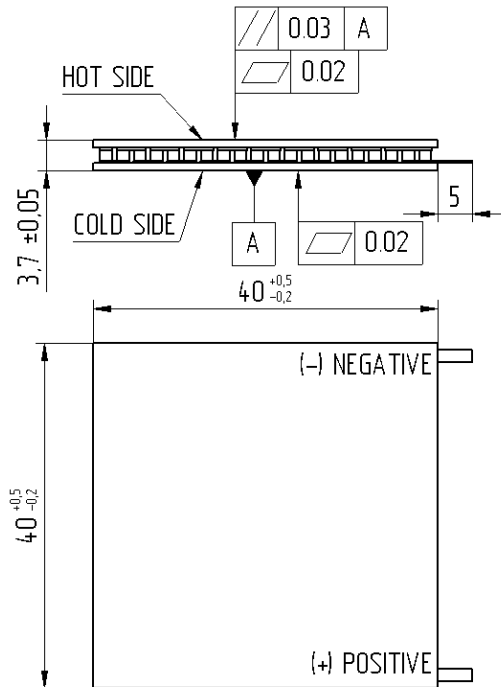
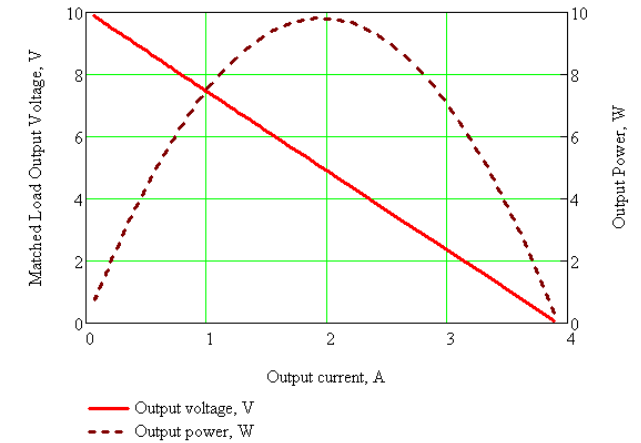
Thermoelectric parameters	Unit	Value
Output power, P* (at $T_h=200^{\circ}\text{C}$, $T_c=30^{\circ}\text{C}$)	W	9,8
I_{load}*	A	2,1
U_{load}*	V	4,6
R_{ac} (at 200°C), $\pm 10\%$	Ohm	2,2
R_t	K/W	0,84

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

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

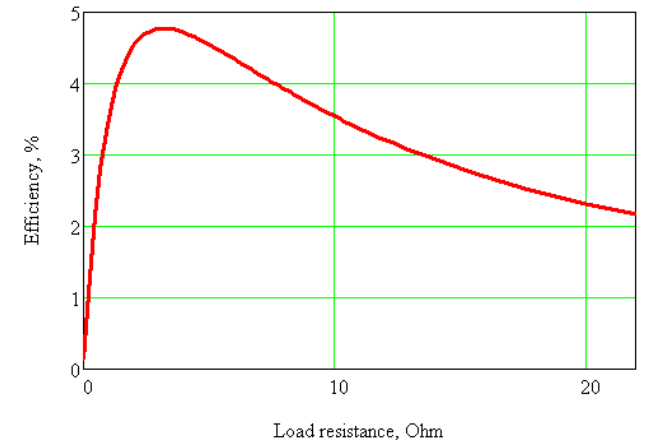
R_{load} – load resistance;

R_t – heat resistance.



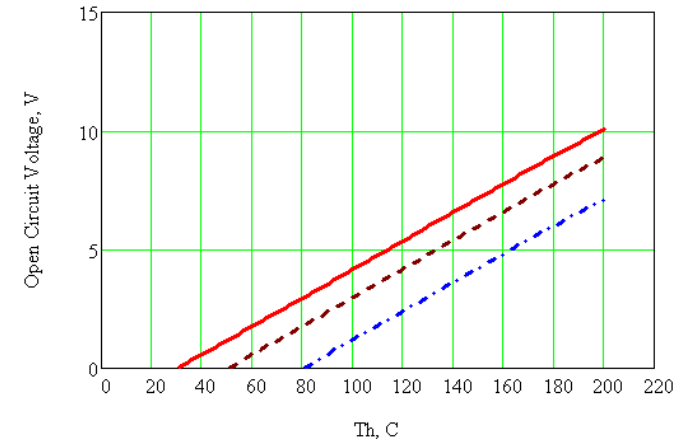
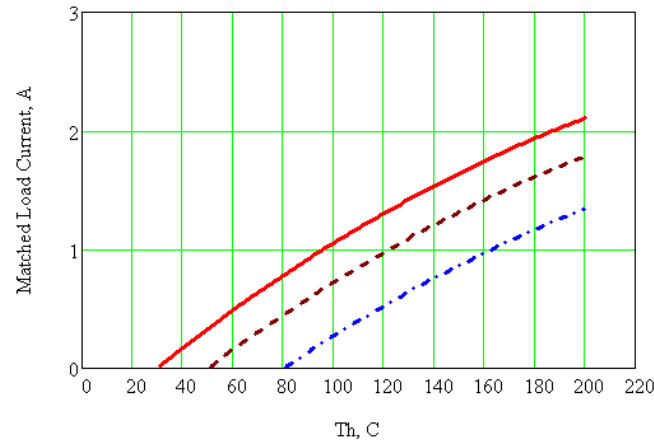
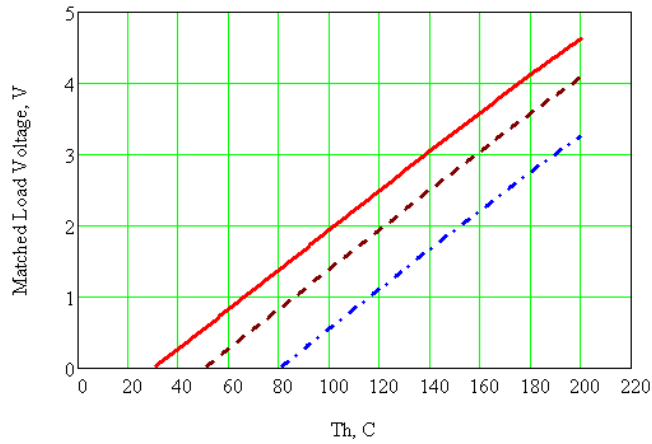
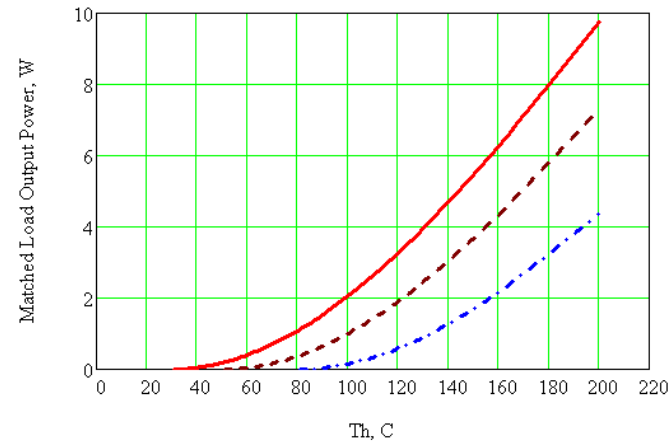
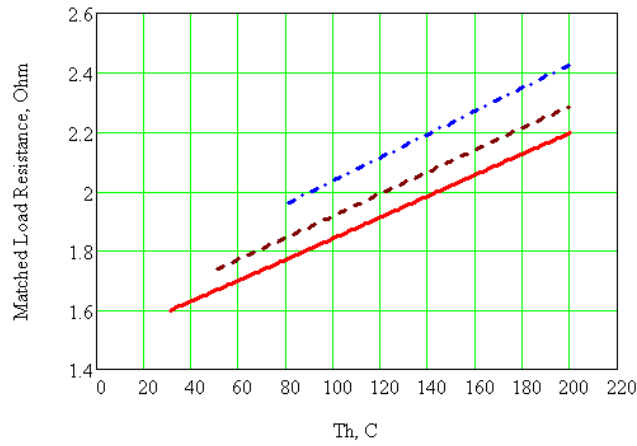
Operation parameters	Unit	Value
Working temperature	°C	200
Max. processing temperature	°C	220

Additional options	Notations
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-199-1.4-1.2



- Tc=30°C
- - - Tc=50°C
- · · Tc=80°C