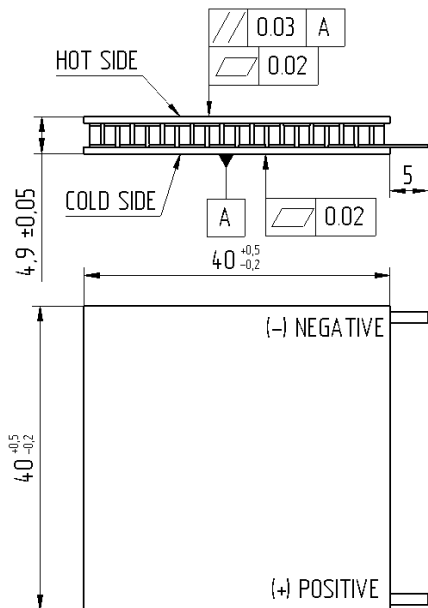
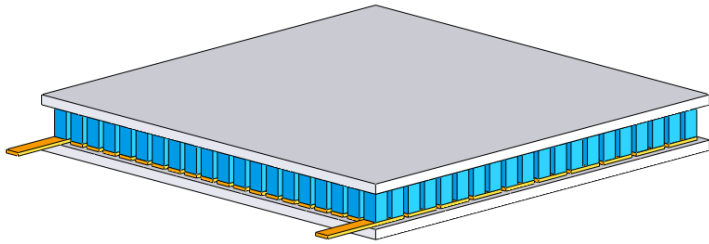


## SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-199-1.4-2.5



Thermoelectric parameters	Unit	Value
Output power, $P^*$ (at $T_h=200^\circ\text{C}$ , $T_c=30^\circ\text{C}$ )	W	6,3
$I_{\text{load}}^*$	A	1,17
$U_{\text{load}}^*$	V	5,4
$R_{\text{ac}}$ (at $200^\circ\text{C}$ ), $\pm 10\%$	Ohm	4,6
$R_t$	K/W	1,72

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

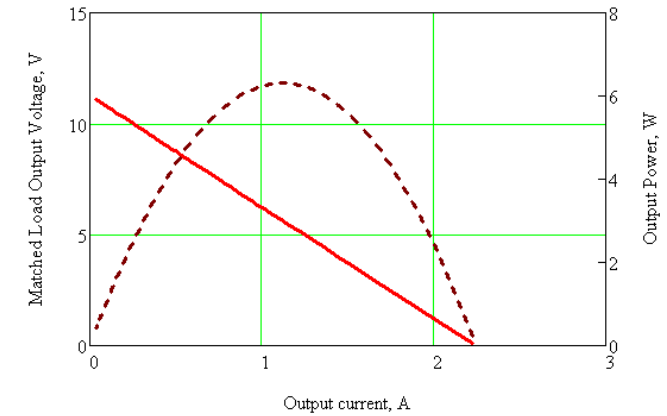
$R_{\text{ac}}$  – internal TGM resistance at working temperature;

$R_{\text{load}}$  – load resistance;

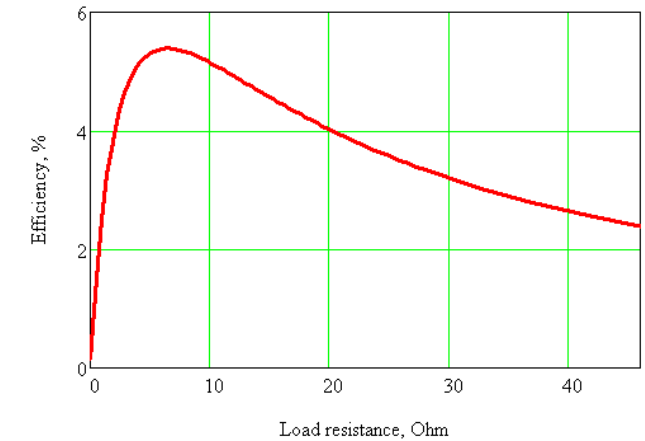
$R_t$  – heat resistance.

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	

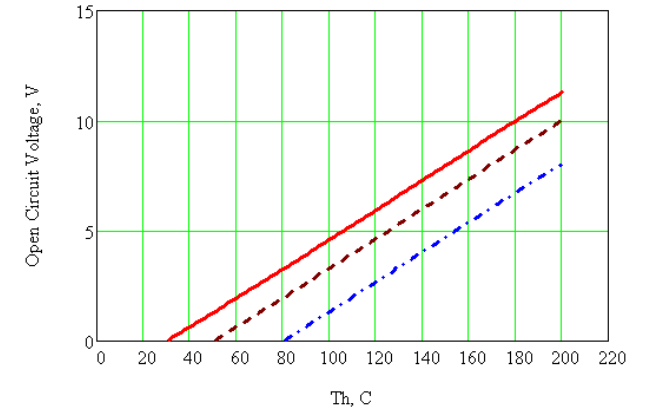
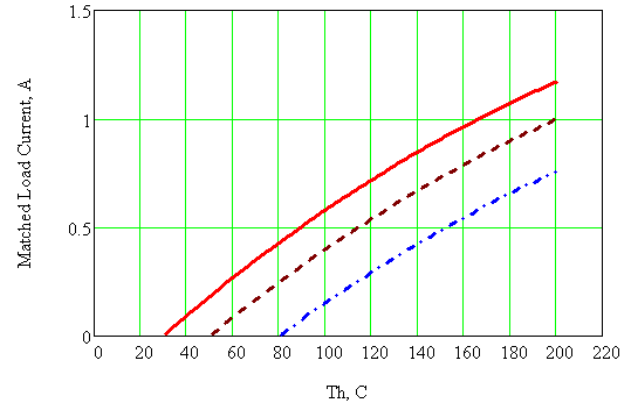
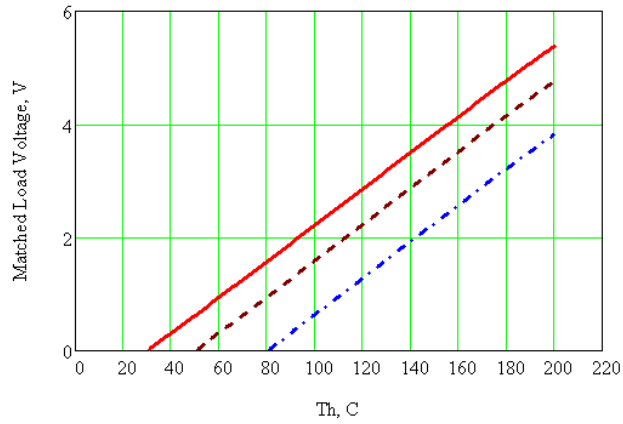
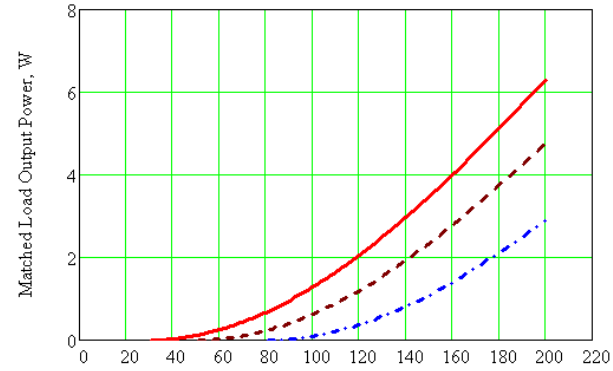
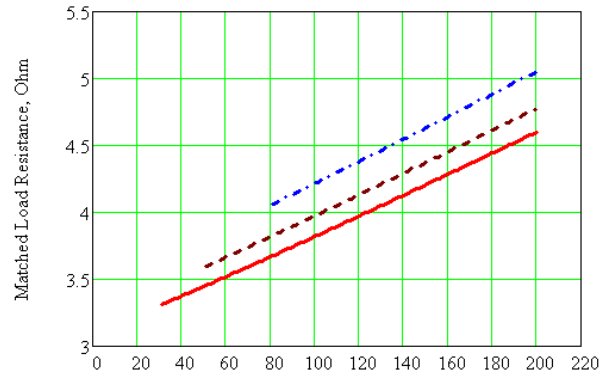


— Output voltage, V  
- - - Output power, W



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

## SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-199-1.4-2.5



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