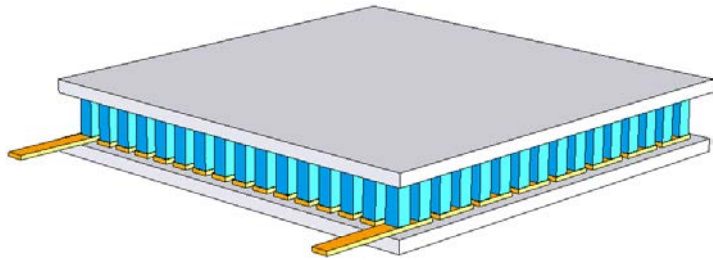


SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-127-1.0-2.5



Thermoelectric parameters	Unit	Value
Output power, P* (at $T_h=200^\circ\text{C}$, $T_c=30^\circ\text{C}$)	W	2,3
I_{load}*	A	0,63
U_{load}*	V	3,7
R_{ac} (at 200°C), $\pm 10\%$	Ohm	5,8
R_t	K/W	5,0

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

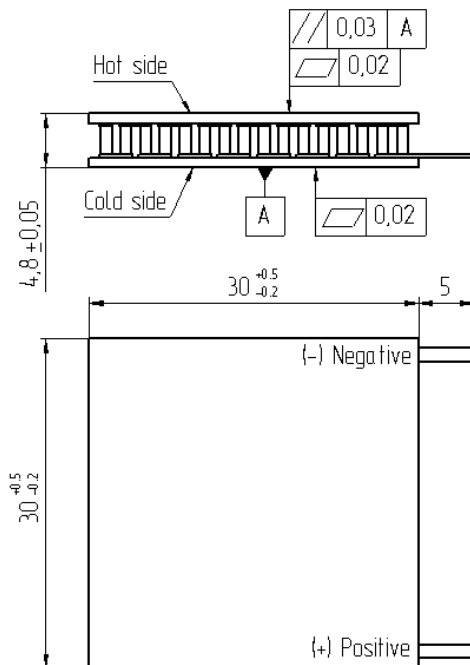
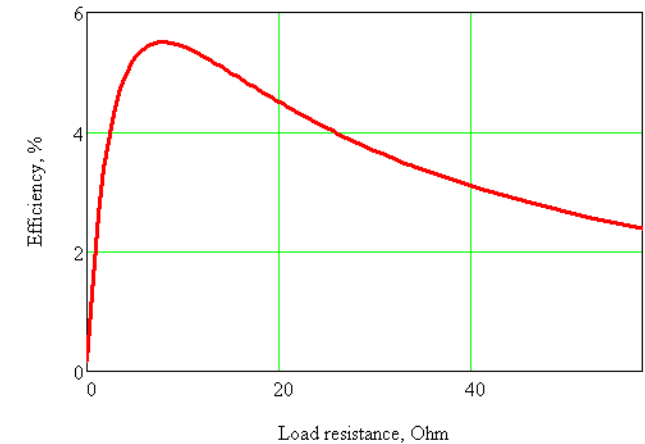
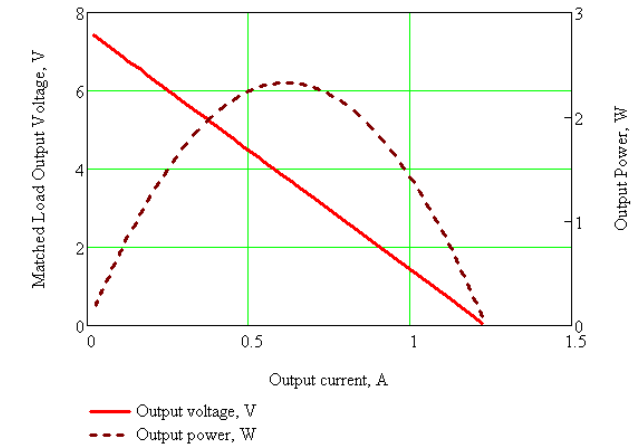
R_{ac} – internal TGM resistance at working temperature;

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
Assembly pressure	kg/cm^2	12-15

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	-
Type and length of lead wires	-
Assembling into arrays	-



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