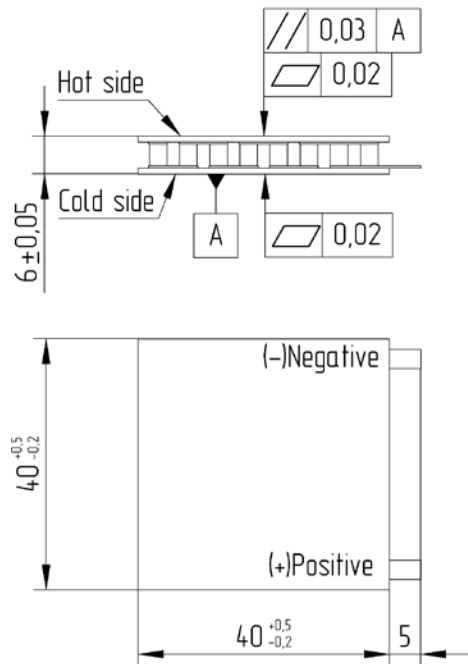
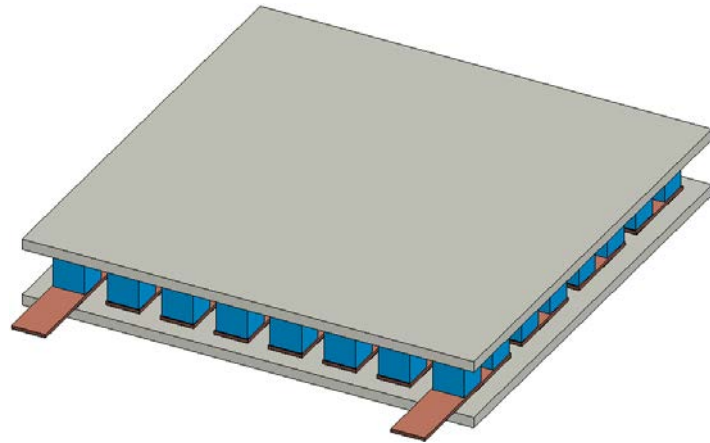


**SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-31-2.8-3.5**


<i>Thermoelectric parameters</i>	<i>Unit</i>	<i>Value</i>
<b>Output power, P*</b> (at $T_h=200^\circ\text{C}$ , $T_c=30^\circ\text{C}$ )	<b>W</b>	<b>2,9</b>
<b>I<sub>load</sub>*</b>	<b>A</b>	<b>3,3</b>
<b>U<sub>load</sub>*</b>	<b>V</b>	<b>0,89</b>
<b>R<sub>ac</sub></b> (at 200°C), ±10 %	<b>Ohm</b>	<b>0,27</b>
<b>R<sub>t</sub></b>	<b>K/W</b>	<b>3,50</b>

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

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

$R_{load}$  – load resistance;

$R_t$  – heat resistance.

at working temperature;

$R_{load}$  – load resistance

<i>Operation parameters</i>	<i>Unit</i>	<i>Value</i>
<b>Working temperature</b>	<b>°C</b>	<b>280</b>
<b>Max. processing temperature</b>	<b>°C</b>	<b>300</b>
<b>Assembly pressure</b>	<b>kg/cm<sup>2</sup></b>	<b>12-15</b>

<i>Additional options</i>	<i>Notations</i>
<b>Height tolerance up to, mm</b>	<b>± 0.015</b>
<b>Flatness up to, mm;</b>	<b>0.01</b>
<b>Parallelism up to, mm;</b>	<b>0.01</b>
<b>Sealants: epoxy, urethane</b>	-
<b>Type and length of lead wires</b>	-
<b>Assembling into arrays</b>	-

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