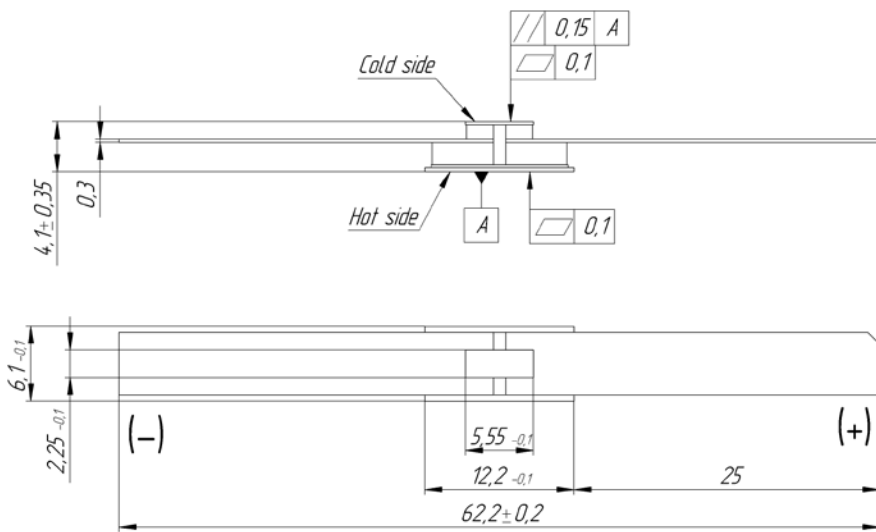


**SPECIFICATION OF THERMOELECTRIC MODULE TB-2-(1-1)-1.8 HT(200)**


Thermoelectric parameters	Unit	Value	
		Ver.1	Ver.2
<b>I<sub>max</sub></b>	<b>A</b>	<b>67.7</b>	<b>70.6</b>
<b>U<sub>max</sub></b>	<b>V</b>	<b>0.086</b>	<b>0.098</b>
<b>ΔT<sub>max</sub> ≥</b>	<b>K</b>	<b>89</b>	<b>96</b>
<b>Q<sub>max</sub> ≥</b>	<b>W</b>	<b>1.79</b>	<b>1.63</b>
<b>R<sub>ac</sub> (at 295 K)</b>	<b>Ohm</b>	<b>0.0012</b>	<b>0.0013</b>
<b>Tolerance R<sub>ac</sub></b>	<b>%</b>	<b>±10</b>	
<i>All parameters except R<sub>ac</sub> are given at Th=300 K</i>			

Assembly parameters	Unit	Value
<b>Wires</b>		<b>-</b>
<b>Cross section</b>	<b>mm<sup>2</sup></b>	<b>-</b>
<b>Metallization</b>		<b>Not</b>
<b>Sealing</b>		<b>Not</b>
<b>Internal solder</b>	<b>°C</b>	<b>232</b>
<b>Brazing solder</b>	<b>°C</b>	<b>not</b>

Operational parameters	Unit	Value
<b>Working temperature range</b>	<b>°C</b>	<b>-50 ÷ +200</b>
<b>Max. processing temperature</b>	<b>°C</b>	<b>220</b>
<b>ROHS compliance</b>		<b>Yes</b>