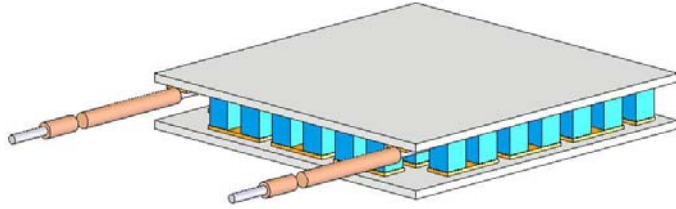


SPECIFICATION OF GENERATING THERMOELECTRIC MODULES TGM-31-2.8-3.5 HT(300)


<i>Thermoelectric parameters</i>	<i>Unit</i>	<i>Value</i>
Generation power, P (at $T_h=300^\circ\text{C}$, $T_c=50^\circ\text{C}$, $R_{\text{load}}=0.5\ \text{Ohm}$)	Watts	2.8
I_{load}	Amps	2.35
U_{load}	Volts	1.2
R_{ac} (at 295 K)	Ohm	0.2
Tolerance	%	± 10

<i>Assembly parameters</i>	<i>Unit</i>	<i>Value</i>
Wires	22AWG teflon	
Cross section	mm²	0.325
Metallization	Not	
Sealing	Not	

<i>Operation parameters</i>	<i>Unit</i>	<i>Value</i>
Working temperature	°C	300
Max. processing temperature	°C	315
Assembly pressure (per 1 TGM)	kg	200
ROHS compliance		Not

