

Generating thermoelectric modules

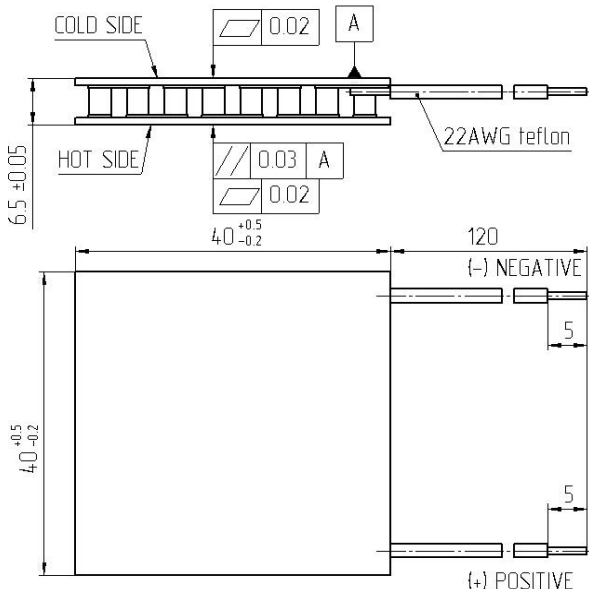
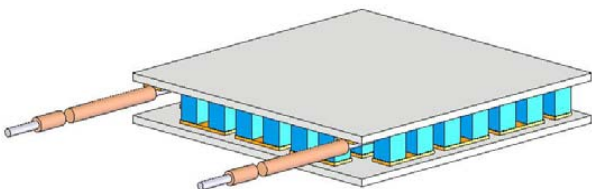


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熱発電素子仕様書

型式 TGM-31-2.8-3.5 HT(300)



熱発電素子 物性値	Unit	Value
発電能力, P (at $T_h=300^{\circ}\text{C}$, $T_c=50^{\circ}\text{C}$, $R_{load}=0.5\ \text{Ohm}$)	Watts	2.8
I_{load}	Amps	2.35
U_{load}	Volts	1.2
R_{ac} (at 295 K)	Ohm	0.2
Tolerance	%	±10

構成部品	Unit	Value
Wires	22AWG teflon	
Cross section	mm^2	0.325
Metallization	Not	

使用特性	Unit	Value
Working temperature	$^{\circ}\text{C}$	300
Max. processing temperature	$^{\circ}\text{C}$	315
Assembly pressure (per 1 TGM)	kg	200
ROHS compliance	Not	