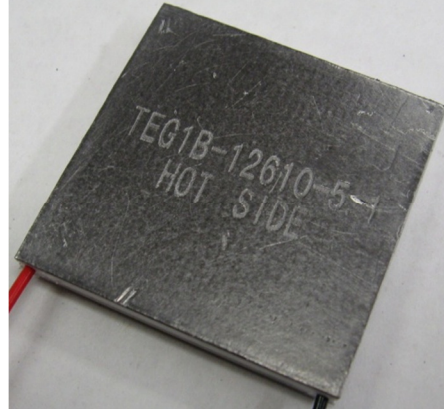


Specifications TEG Module TEG1B-12610-5.1

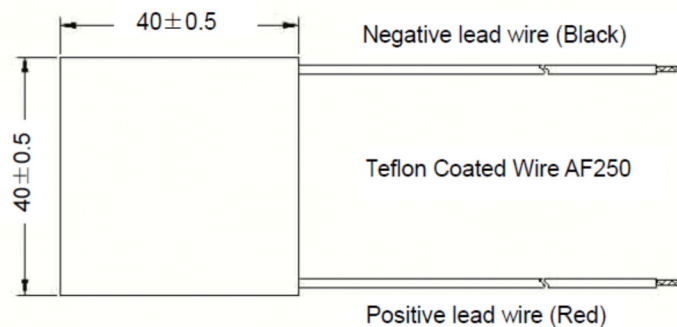


SNAPSHOT SPECIFICATION FOR TEG1B-12610-5.1

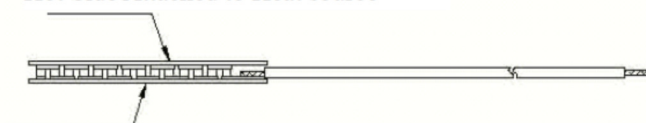
Hot Side Temperature (°C)	300
Cold Side Temperature (°C)	30
Open Circuit Voltage (V)	7.2
Matched Load Resistance (ohms)	1.8
Matched load output voltage (V)	3.6
Matched load output current (A)	2.0
Matched load output power (W)	7.1
Heat flow across the module(W)	≈148
Heat flow density(Wcm ⁻²)	≈9.2
AC Resistance(ohms) Measured under 27°C at 1000Hz	0.8~1.0

Geometric Characteristics

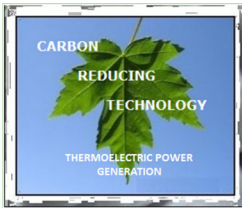
Dimensions in millimeter



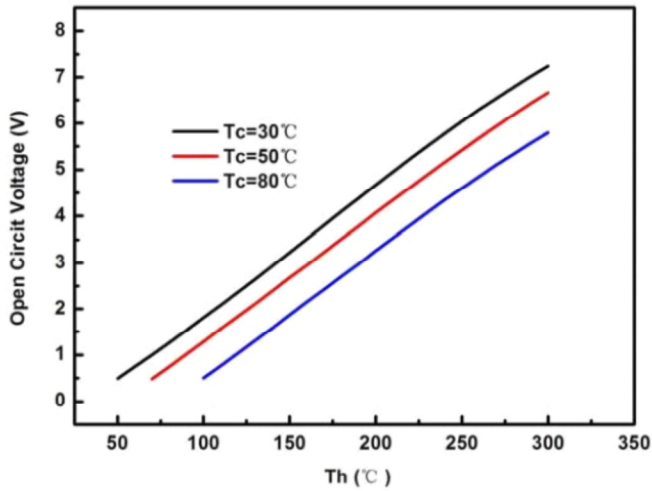
Hot Side Attached to Heat source



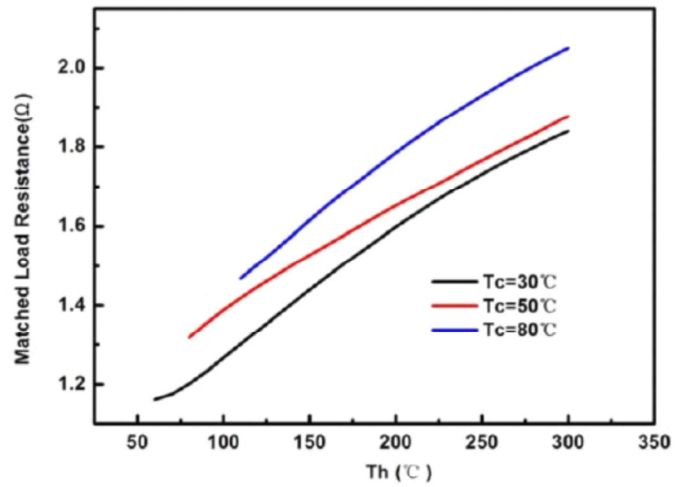
Cold Side Attached to Heat Sink for Heat Dissipation



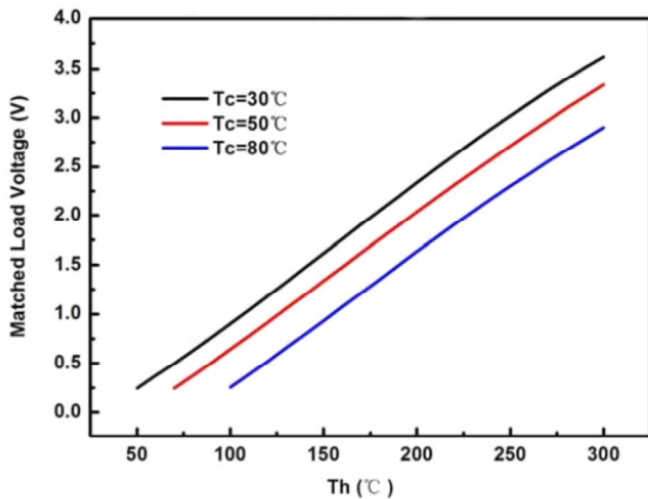
SNAPSHOT SPECIFICATION FOR TEG1B-12610-5.1



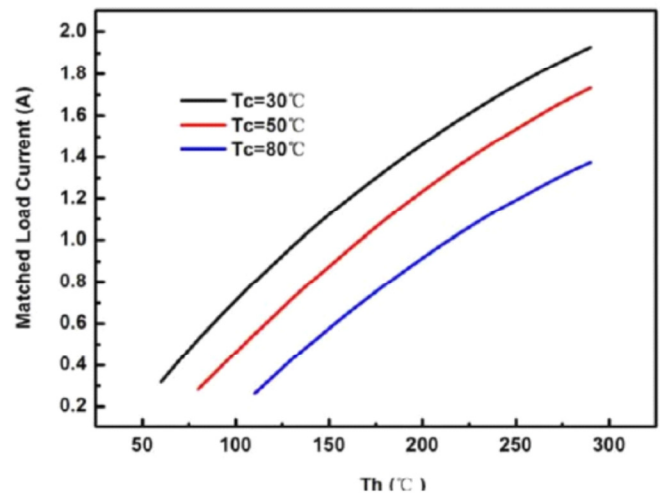
The chart for open circuit voltage Vs T_h under various T_c



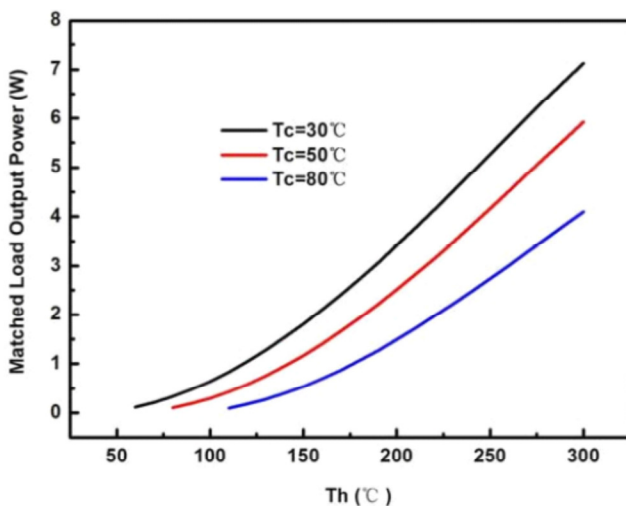
The chart for matched load resistance Vs T_h under various T_c



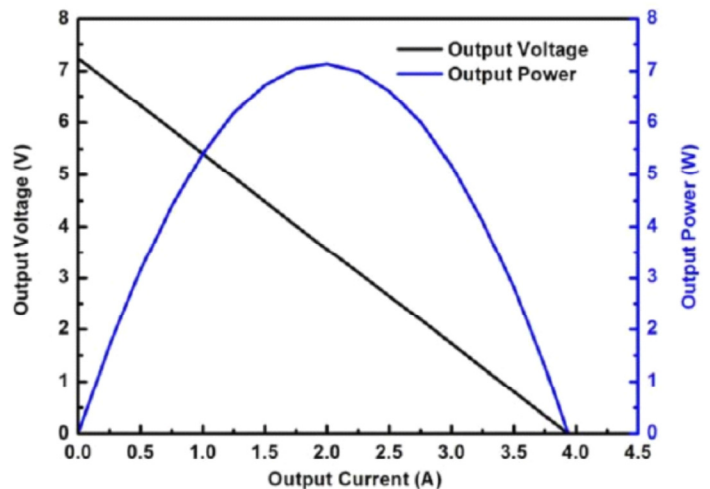
The chart for matched load voltage Vs T_h under various T_c



The chart for matched load current Vs T_h under various T_c



The chart for matched load output power Vs T_h under various T_c



The chart for output voltage and output power Vs output current under $T_h=300^\circ\text{C}$ and $T_c=30^\circ\text{C}$