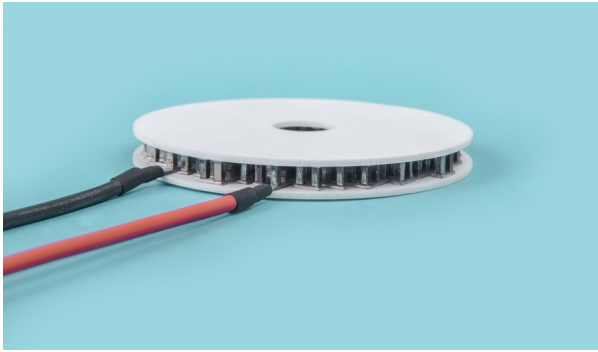




ENGINEERING & PRODUCTION

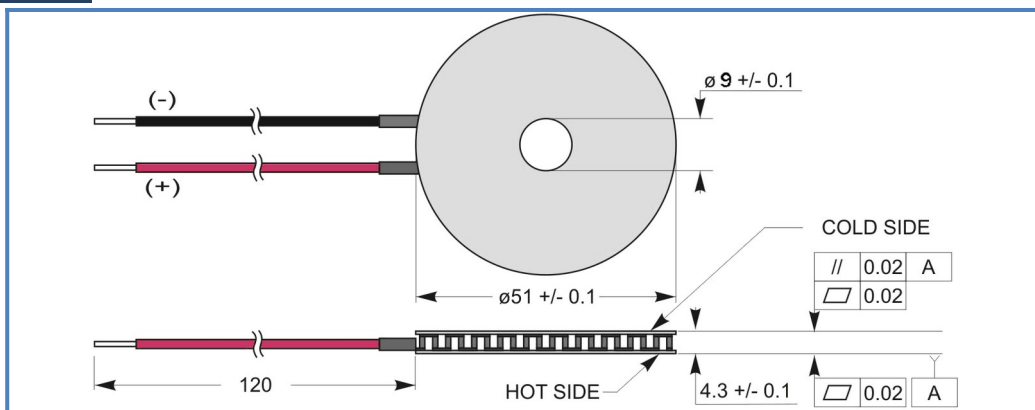
Power Generating Modules

PGM-50-150

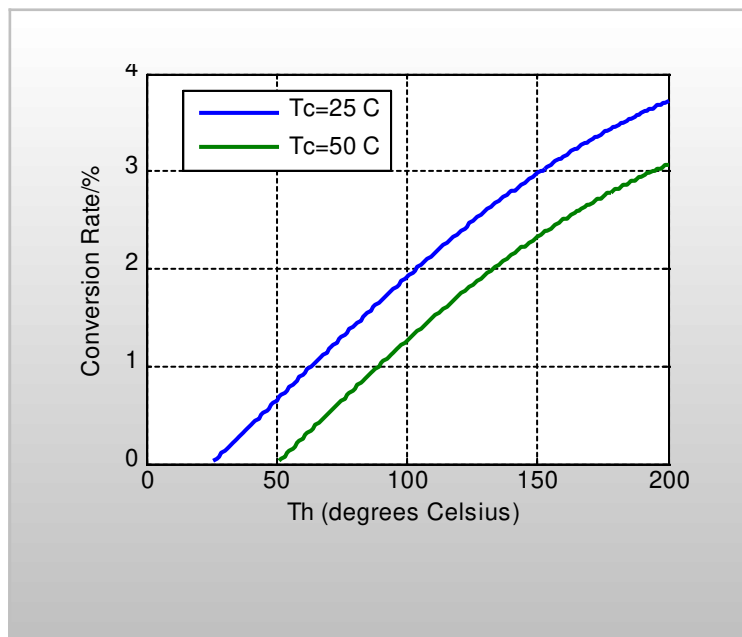


Performance specifications			
Hot Side Temperature, C	150	150	-5
Cold Side Temperature, C	25	50	±5
Thermal conductivity, W/K	0.77	0.77	0.1
Heat Flux, W	96	77	10
Power, W	2.9	1.8	Min.
Load Voltage, V	3	2.4	±0.2
Internal Resistance, Ohm	3.1	3.3	±0.1
Current, A	0.96	0.74	±0.1
Opened Circuit Voltage, V	6	4.8	±0.5

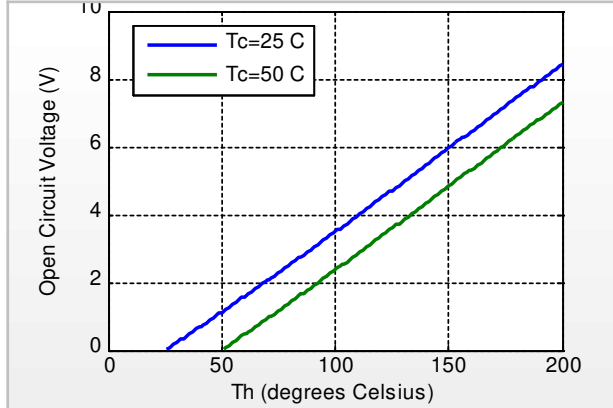
Drawing



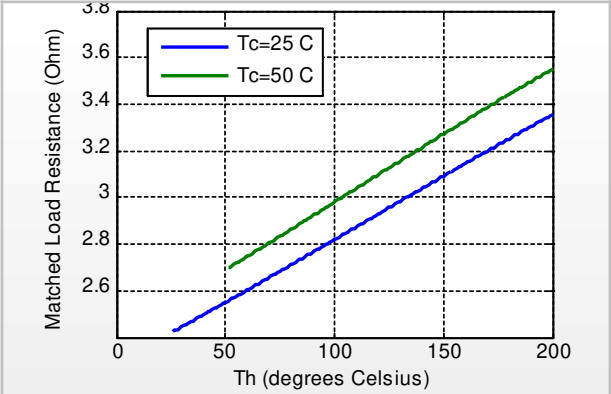
Conversion Rate of the modules Vs Th under various Tc



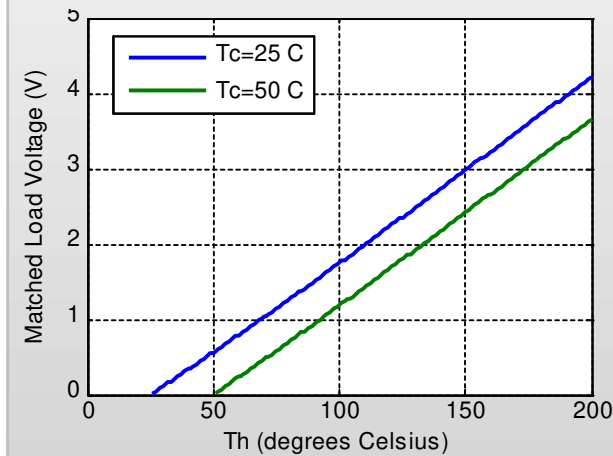
Performance Curves of the Module PGM-50-108-150



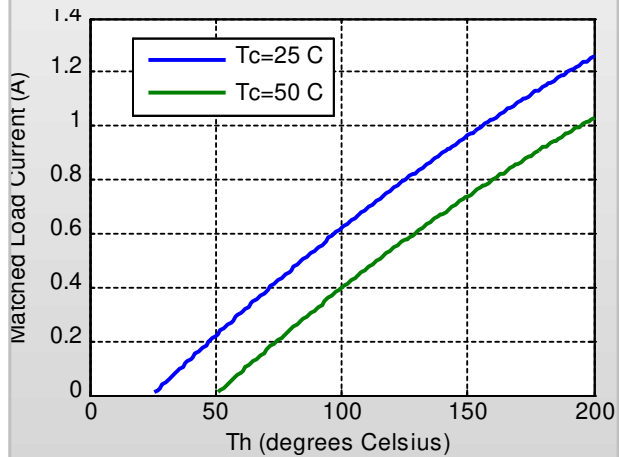
The chart for open circuit voltage Vs Th under various Tc



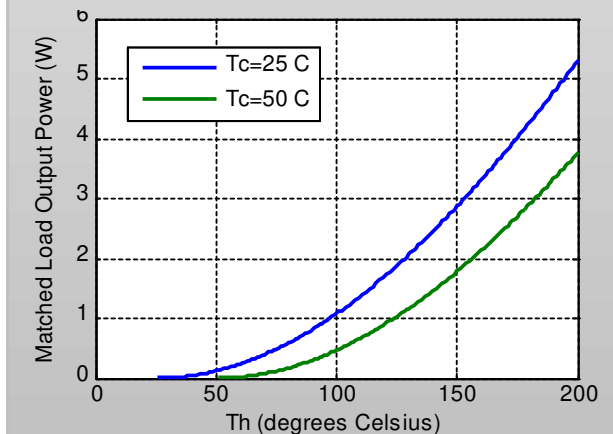
The chart for matched load resistance Vs Th under various Tc



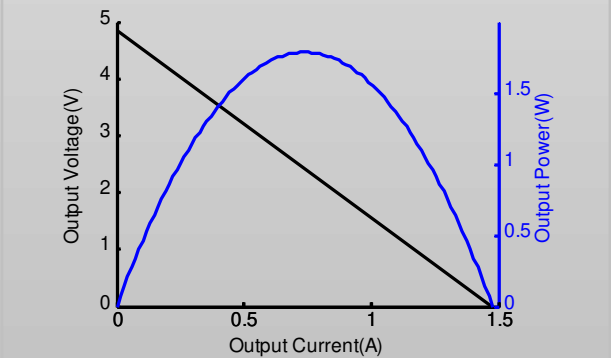
The chart for matched load voltage Vs Th under various Tc



The chart for matched load current Vs Th under various Tc



The chart for matched load output power Vs Th under various Tc



The chart for output voltage and output power Vs output current under Th=150 C and Tc=50 C