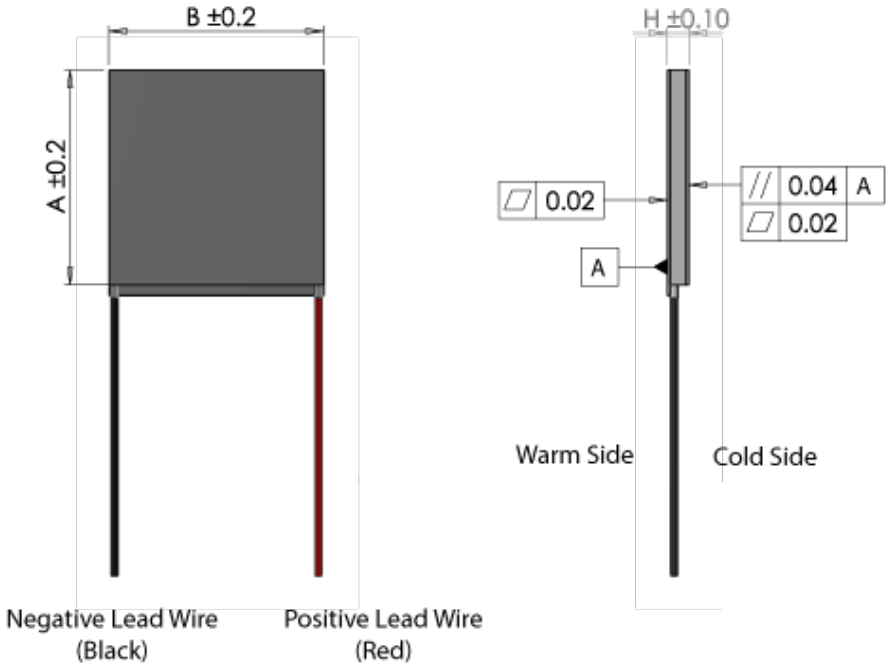
MGM250-49-10-16

MINI THERMOELECTRIC GENERATOR MODULE





Features

- Compact structure (no moving parts)
- Reliable performance
- Maintenance-free
- Noise-free operation
- Low-carbon, green technology
- Epoxy sealed - suitable for use in high humidity conditions
- High temperature

Geometric Dimensions

A	[mm]	19
B	[mm]	19
H	[mm]	approx. 3.2

CHARACTERISTICS

Parameters correct at temp.	[°C]	Hot side: 250 Cold side: 30	Hot side: 100 Cold side: 30
Matched load output power	[W]	1.20	0.16
Matched load resistance	[Ω]	3.0 ± 15%	2.4 ± 15%
Open circuit voltage	[V]	3.9	1.3
Matched load output	[A]	0.6	0.3
Matched load output voltage	[V]	1.9	0.6
Heat flow through module	[W]	23	7.2
Maximum compress (non-destructive)	[MPa]	-	1
Maximum operation temperature	[°C]	Hot side: 250 Cold side: 175	

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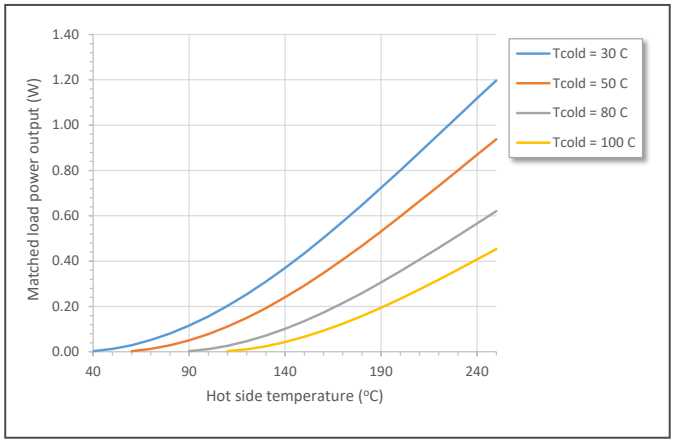
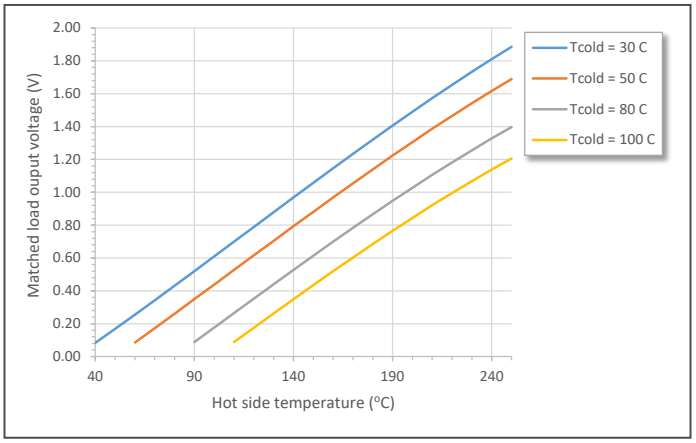
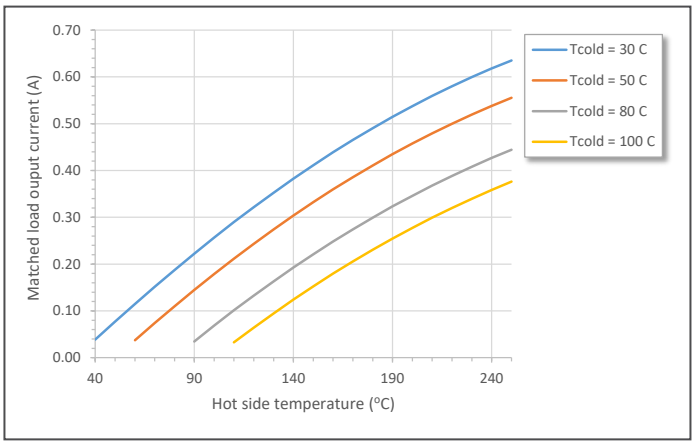
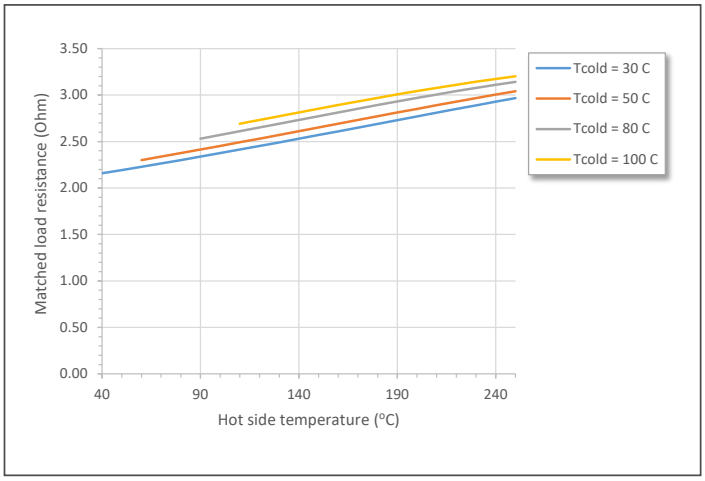
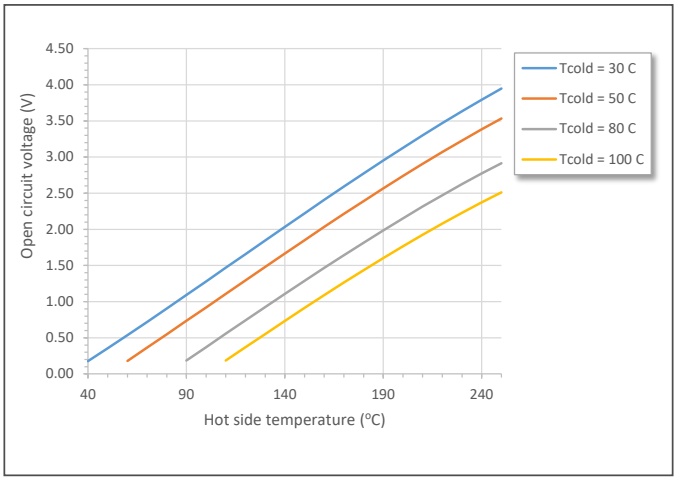
GRAPHS











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