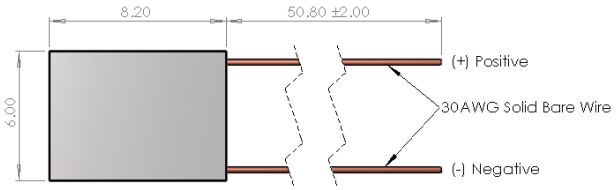
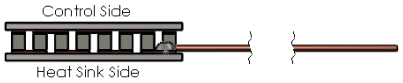
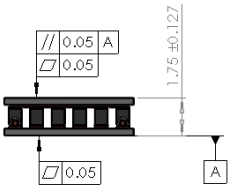
APOT-023-06-075(0608)A-M1N

APOT SERIES THERMOELECTRIC COOLER MODULE







CERAMIC MATERIAL: Al^2O^3 / SOLDER CONSTRUCTION: 232°C, SbSn



HIGH PERFORMANCE MINIATURE THERMOELECTRIC COOLER MODULE

Features

- ROHS & REACH Compliant
- Precise temperature control
- Solid-state reliability

Applications

Laser Diodes, Optical Transceivers, Lidar Sensors, Infrared Range (IR) Sensors, CMOS Sensors, Autonomous Systems, Machine Vision, Security Cameras

CHARACTERISTICS		
Hot Side Temperature	[°C]	27.0
DeltaT at 300K	[°C]	72.9
Vmax	[V]	2.7
Imax	[A]	1.9
Qmax	[W]	3.1
Elect R	[Ohms]	1.29
Length	[mm]	8.20
Width	[mm]	6.00
Height	[mm]	1.75±0.127
Flatness/Parellelism	[mm]	0.05 / 0.05
Lead Length	[mm]	50.80±2.00

Sealant	Colour	Temperature Range(°C)	Description
None	-	-40 to +120	-

Maximum Continuous Operating Temperature: 120°C

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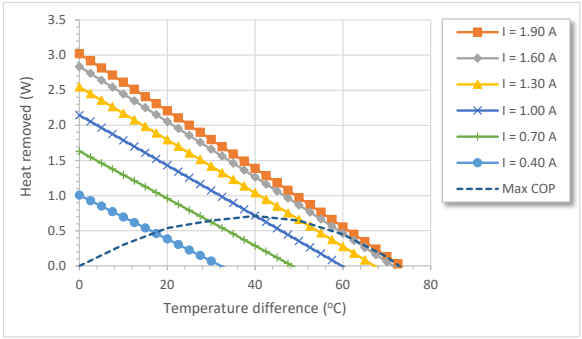
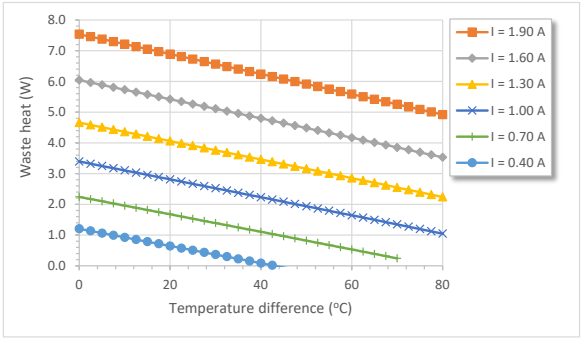
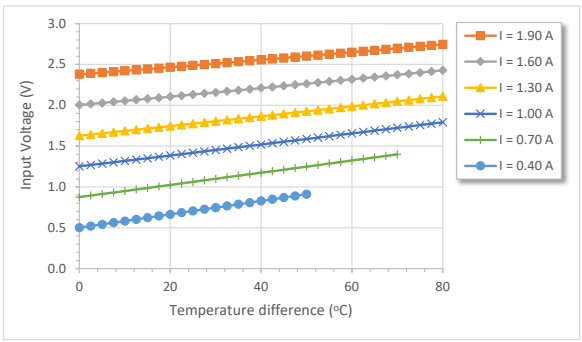
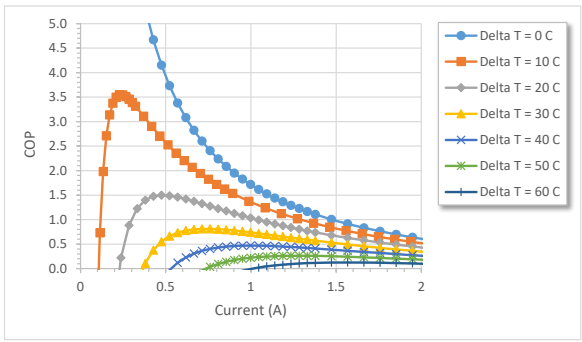
Hot side temperature 27 degrees C

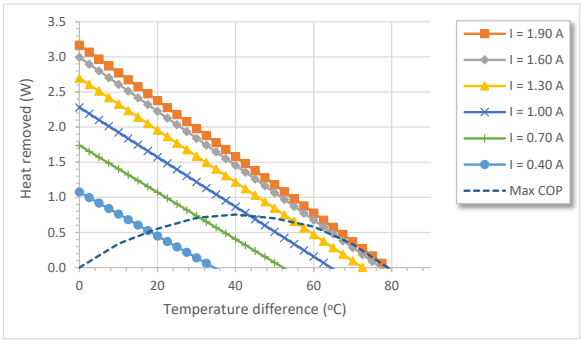


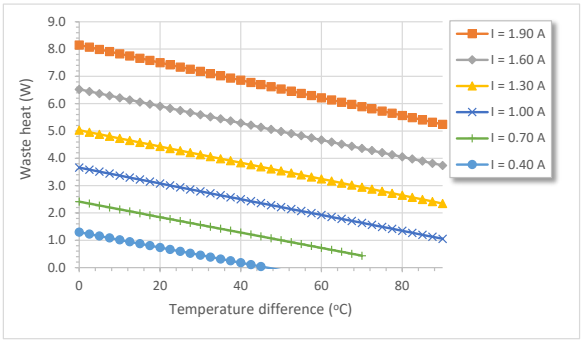


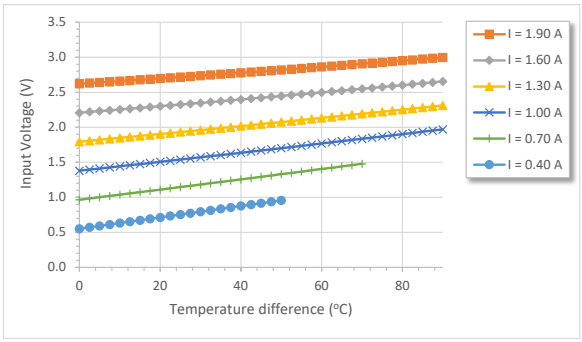


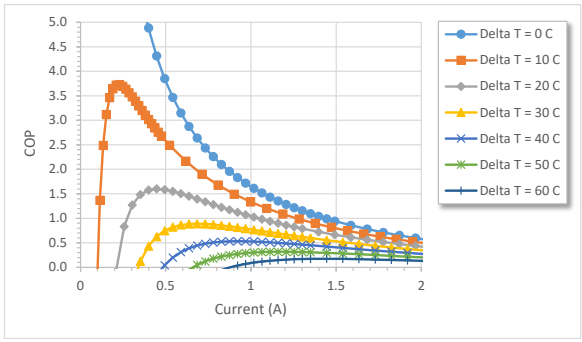


Hot side temperature 50 degrees C









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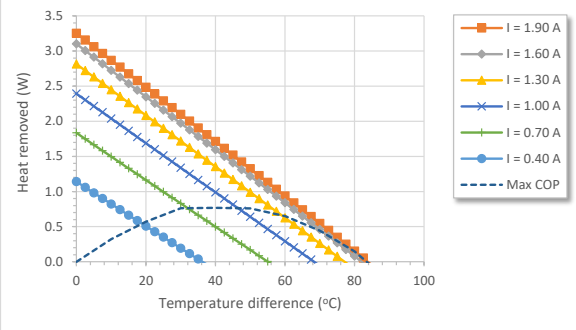
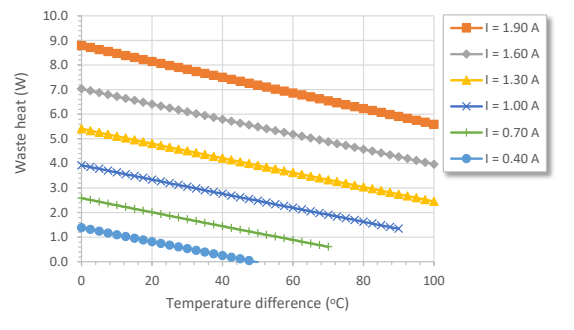
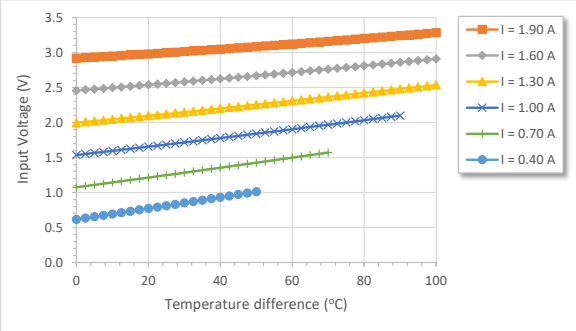
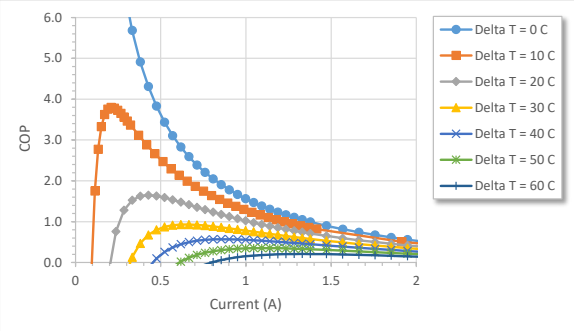
Hot side temperature 75 degrees C









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