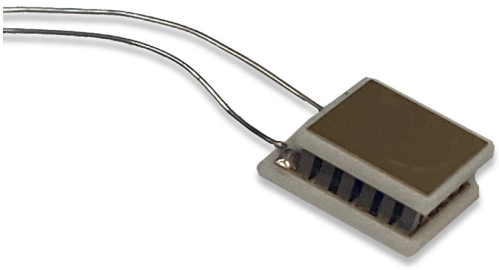
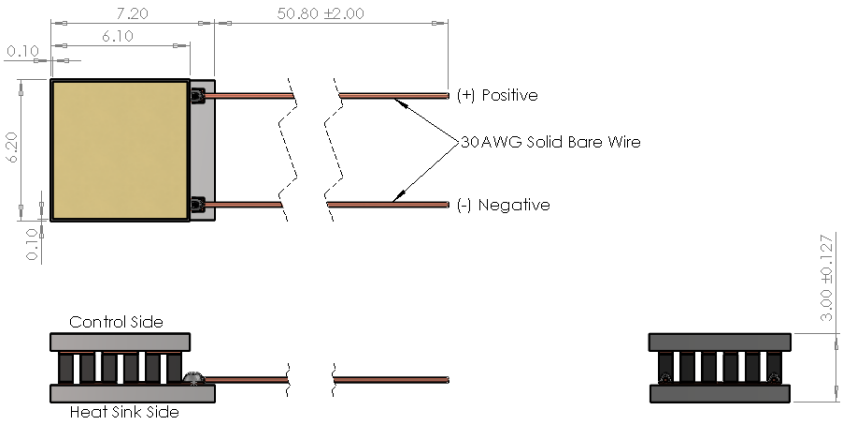
APHT-018-06-12(0606)2G-M2A

APOT SERIES THERMOELECTRIC COOLER MODULE





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

METALISED WITH AU PLATING BOTH SIDES, W2.25 SOLID

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]	2.3
Imax	[A]	1.2
Qmax	[W]	1.6
Elect R	[Ohms]	1.82
Length	[mm]	7.20
Width	[mm]	6.20
Height	[mm]	3.00±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 +150	-

Maximum Continuous Operating Temperature: 150°C

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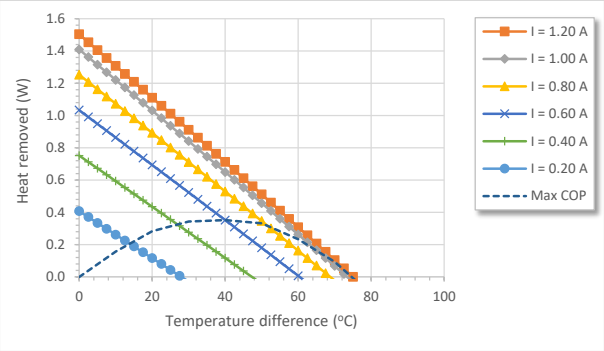
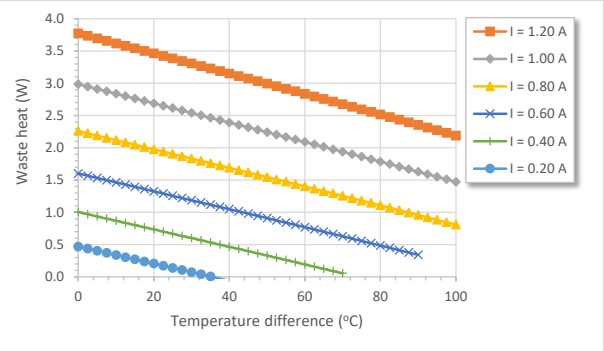
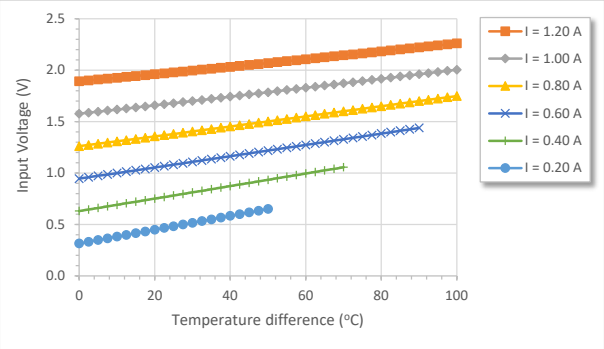
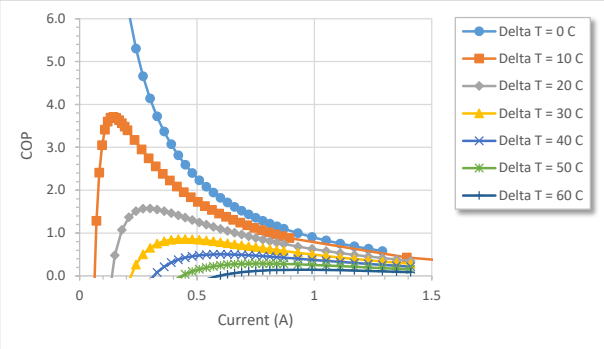
Hot side temperature 27 degrees C

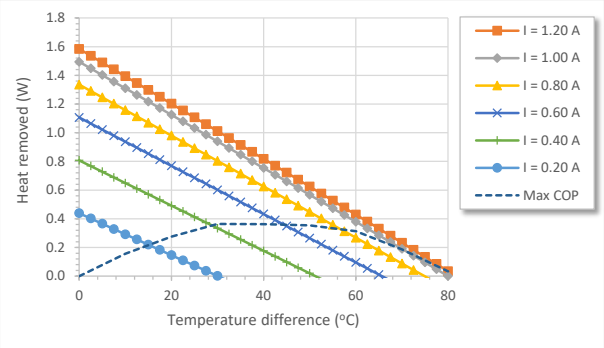


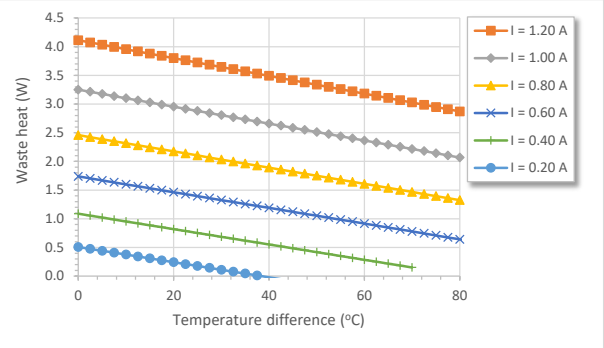


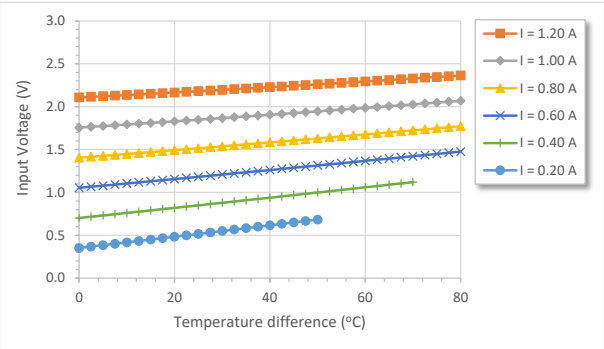


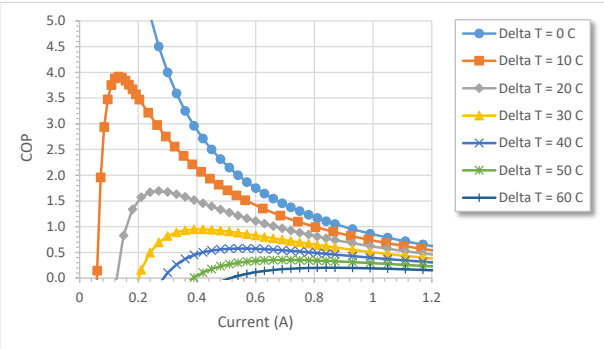


Hot side temperature 50 degrees C









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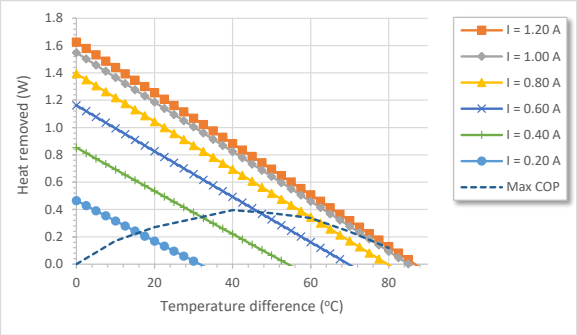
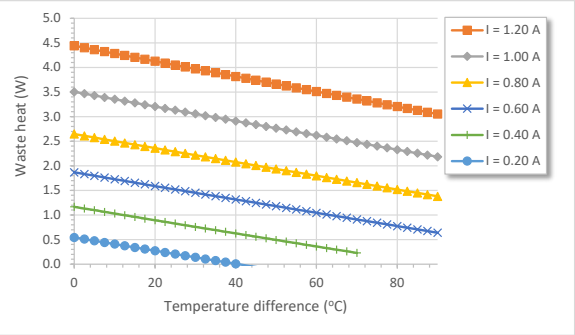
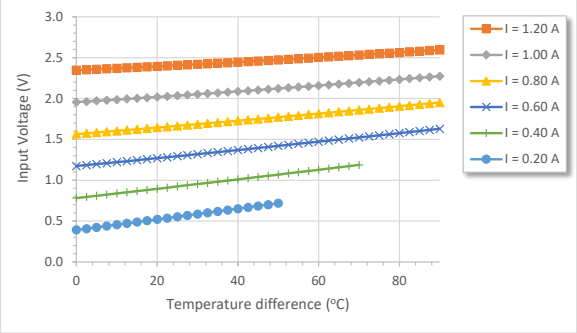
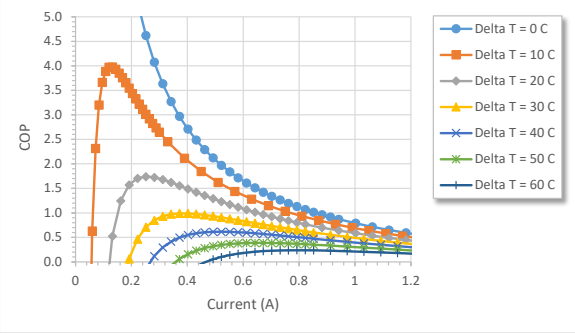
APHT-018-06-12(0606)2G-M2A

Hot side temperature 75 degrees C









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