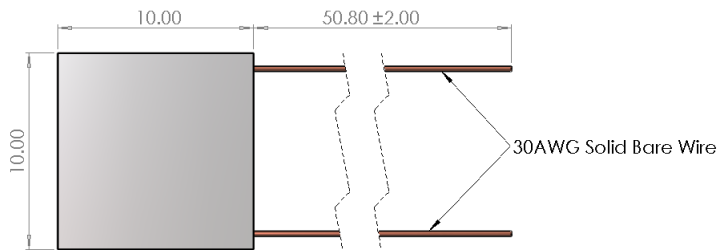


APOT-03I-08-10(1010)A-MI

APOT SERIES THERMOELECTRIC COOLER MODULE



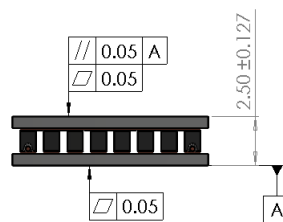
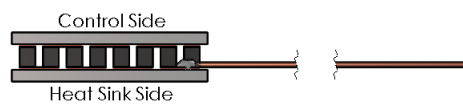
HIGH PERFORMANCE MINIATURE THERMOELECTRIC COOLER MODULE

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



CERAMIC MATERIAL: Al_2O_3 / SOLDER CONSTRUCTION: 232°C, SbSn

CHARACTERISTICS

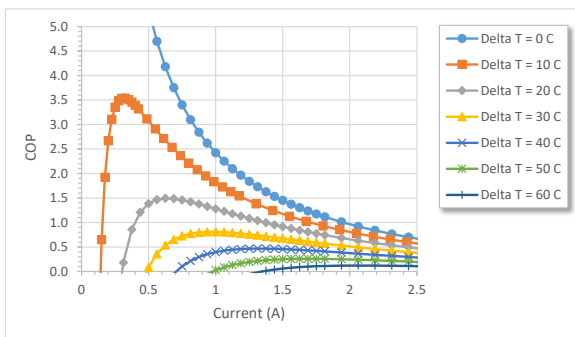
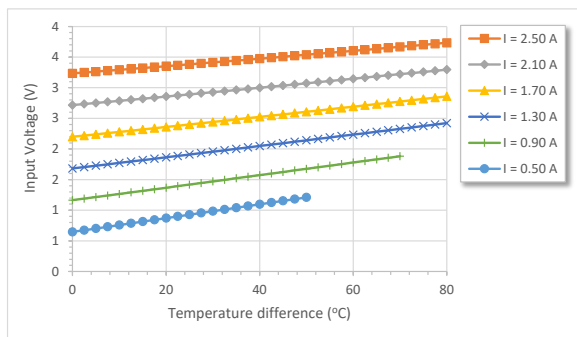
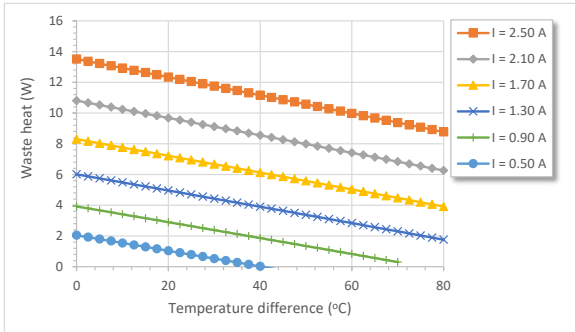
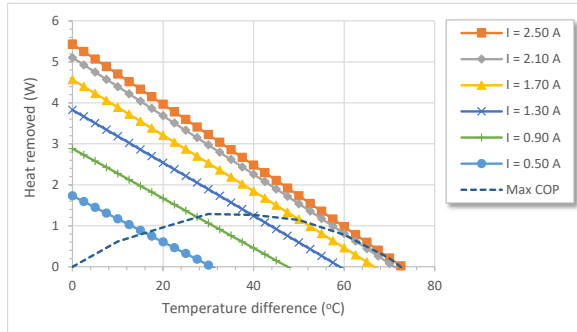
Hot Side Temperature	[°C]	27.0
DeltaT at 300K	[°C]	72.9
V _{max}	[V]	3.6
I _{max}	[A]	2.5
Q _{max}	[W]	5.4
Elect R	[Ohms]	1.34
Length	[mm]	10.00
Width	[mm]	10.00
Height	[mm]	2.50 ± 0.127
Flatness/Parallelism	[mm]	0.05 / 0.05
Lead Length	[mm]	50.80 ± 2.00

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

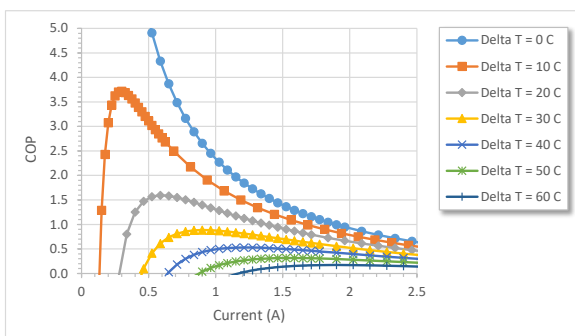
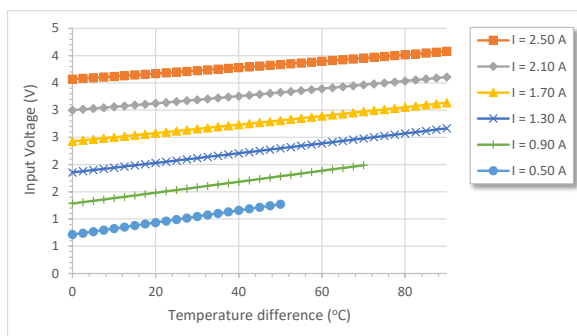
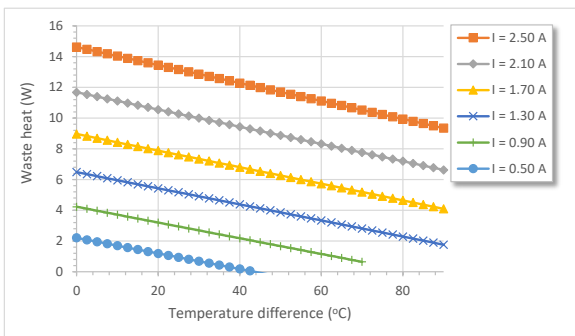
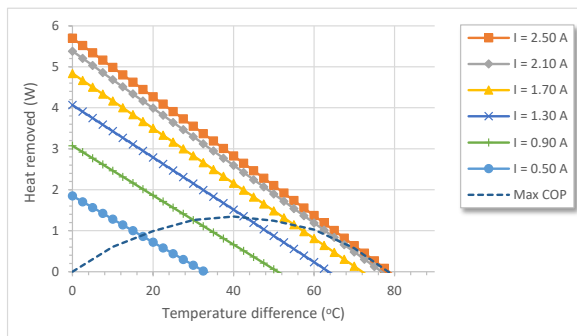
Maximum Continuous Operating Temperature: 120°C

APOT-03I-08-10(1010)A-MI

Hot side temperature 27 degrees C



Hot side temperature 50 degrees C



APOT-03I-08-10(1010)A-MI

Hot side temperature 75 degrees C

