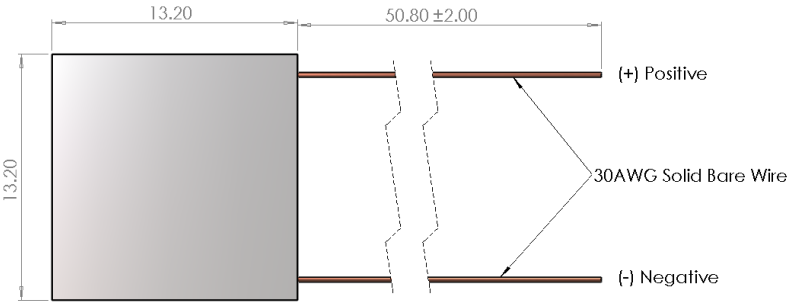
APOT-068-06-09(1313)A-M1A

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]	7.9
Imax	[A]	1.5
Qmax	[W]	7.1
Elect R	[Ohms]	4.89
Length	[mm]	13.20
Width	[mm]	13.20
Height	[mm]	2.40±0.127
Flatness/Parellelism	[mm]	0.05 / 0.05
Lead Length	[mm]	50.80±2.00

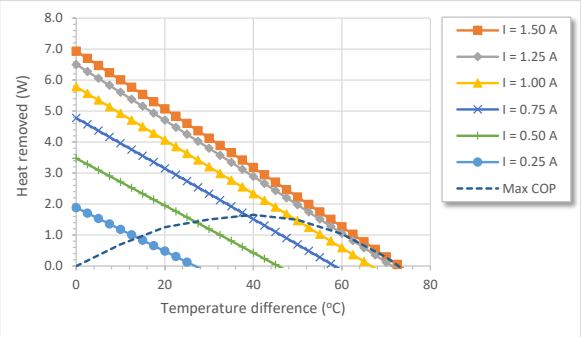
Sealant	Colour	Temperature Range (°C)	Description
None	-	-40 to +120	-

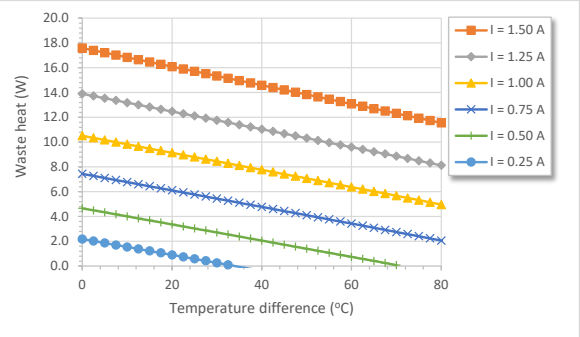
Maximum Continuous Operating Temperature: 120°C

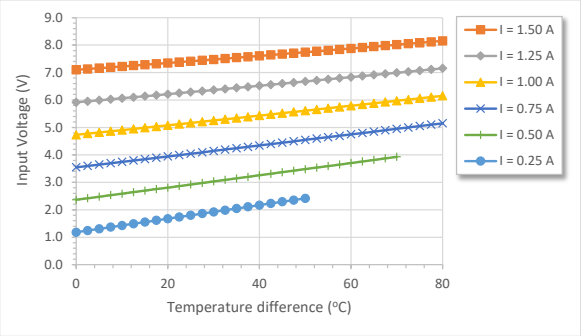
Adaptive is a registered trademark of European Thermodynamics Limited.
Web: www.etdyn.com | Tel: +44(0)116 279 6899
E-mail: info@etdyn.com

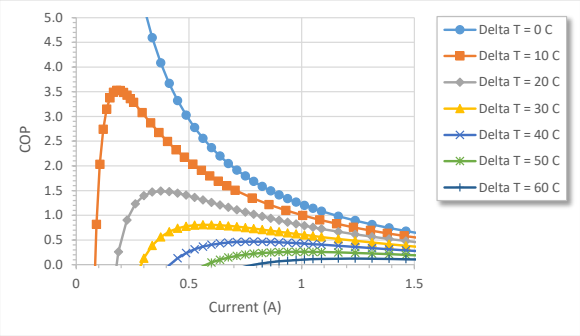
APOT-068-06-09(1313)A-M1A

Hot side temperature 27 degrees C

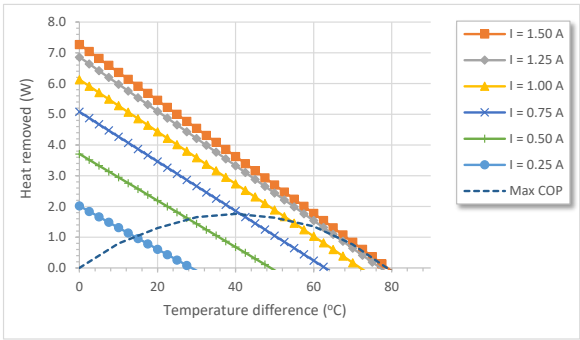


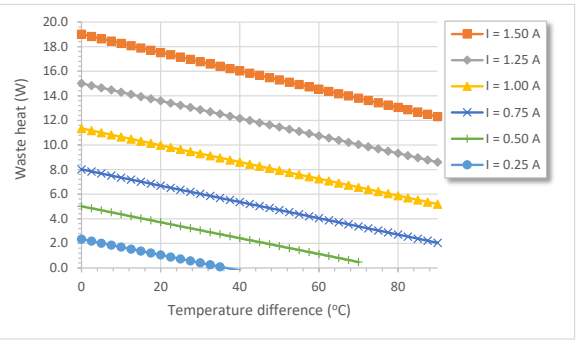


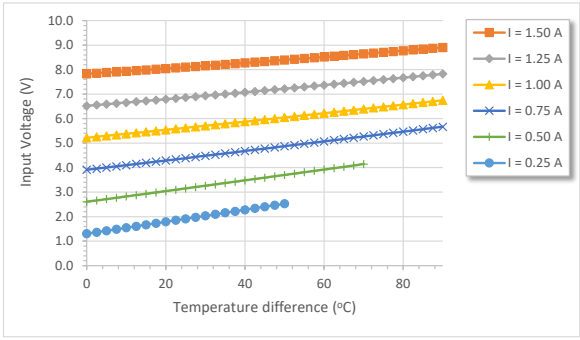


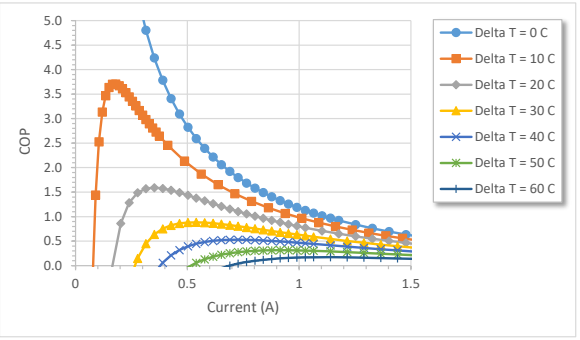


Hot side temperature 50 degrees C





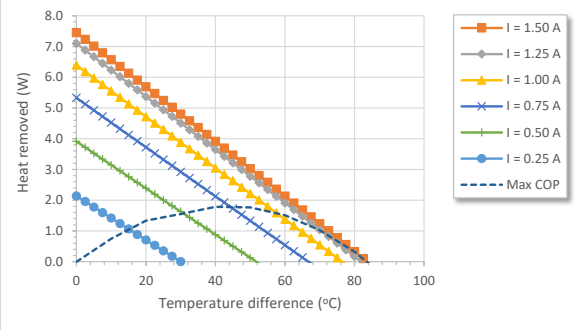


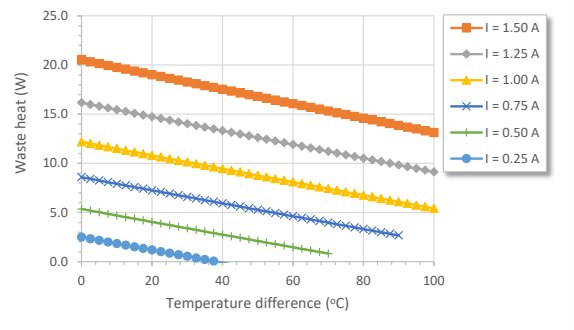


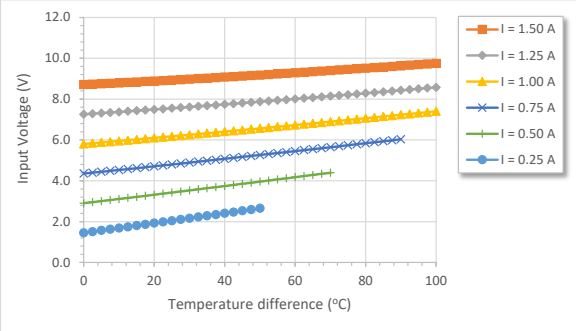
Adaptive is a registered trademark of European Thermodynamics Limited.
Web: www.etdyn.com | Tel: +44(0)116 279 6899
E-mail: info@etdyn.com

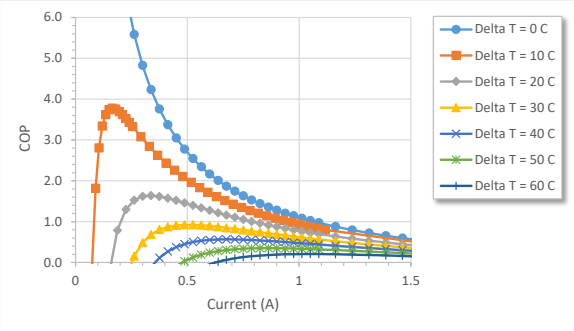
APOT-068-06-09(1313)A-M1A

Hot side temperature 75 degrees C









Adaptive is a registered trademark of European Thermodynamics Limited.
Web: www.etdyn.com | Tel: +44(0)116 279 6899
E-mail: info@etdyn.com