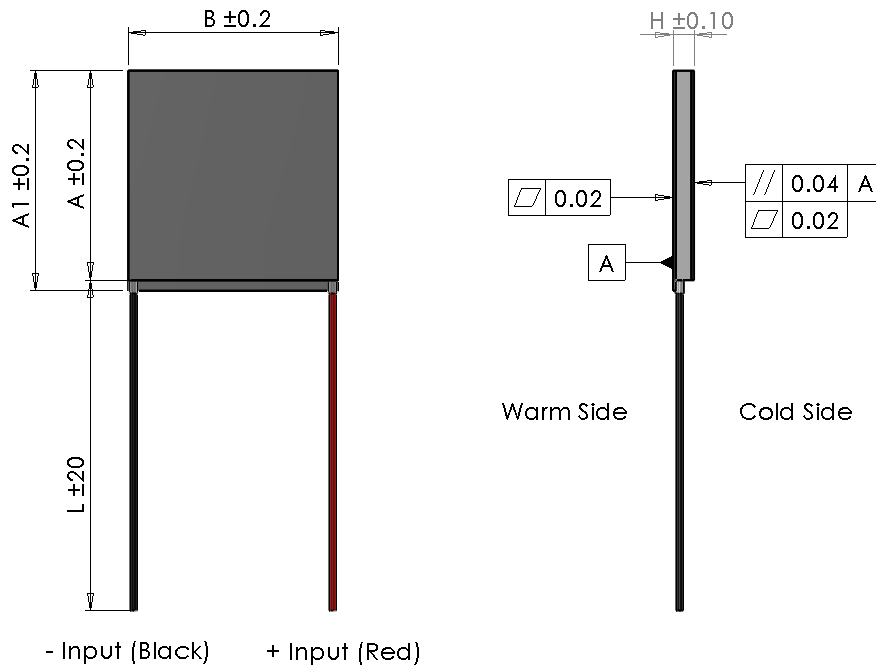


### Data sheet



$I_{max}$	[A]	3.7
$V_{max}$	[Vdc]	14.7
$P_c \max$	[W]	36
ACR	[ $\Omega$ ]	3.2
$\Delta T_{max}$	[ $^{\circ}C$ ]	66
Max. hot side temp.	[ $^{\circ}C$ ]	180
A	[mm]	30
A1	[mm]	34
B	[mm]	30
H	[mm]	3.63
L	[mm]	100
Wire	AWG	20
Sealed	-	Silicone

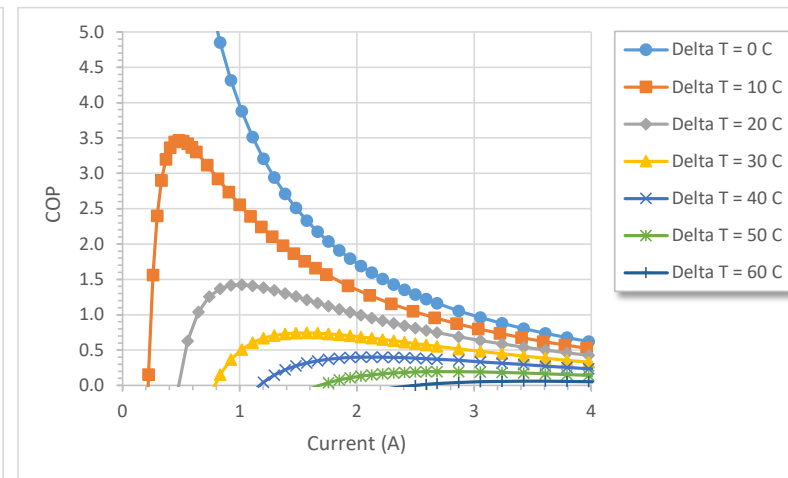
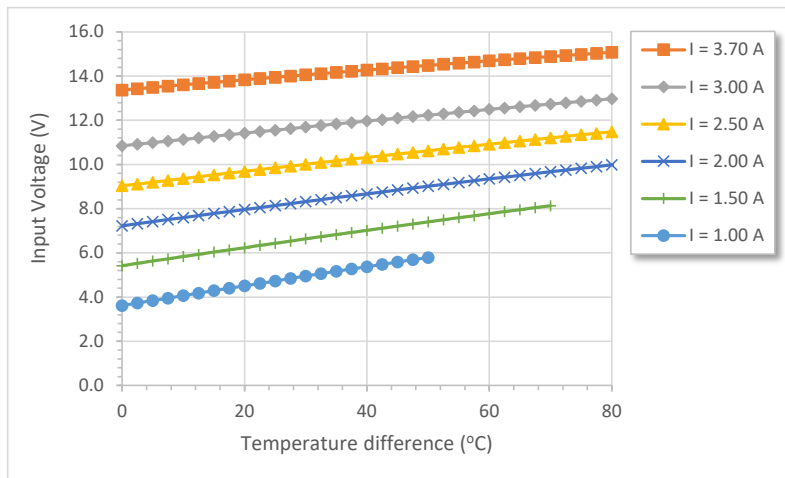
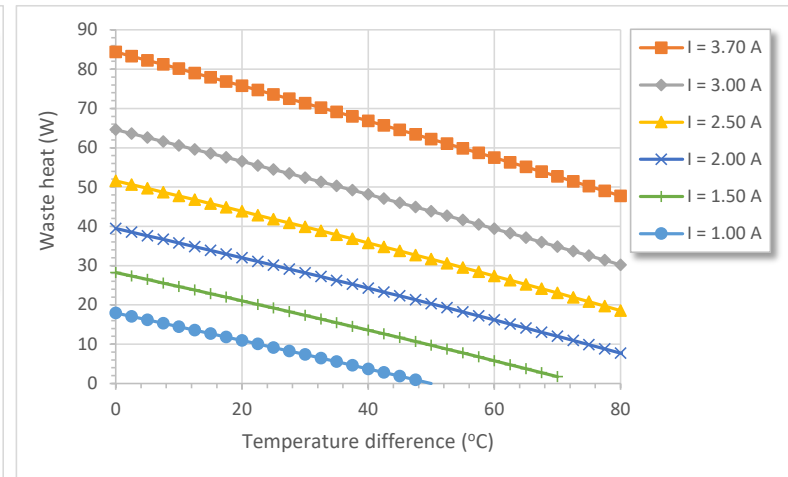
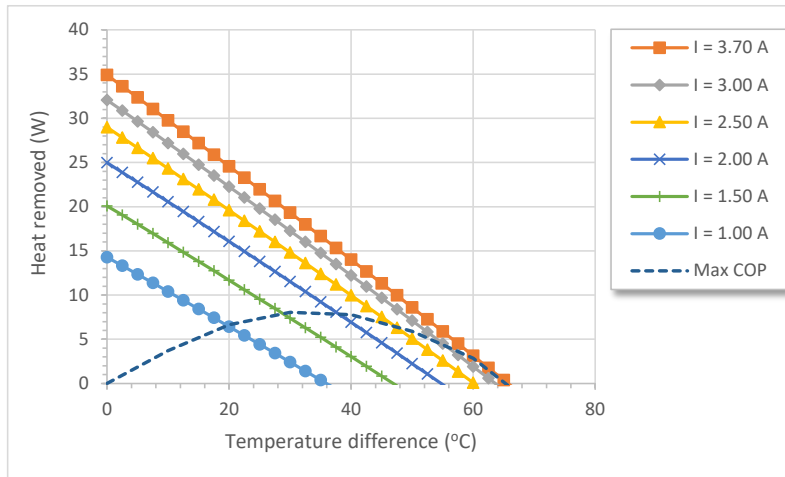
### Features

- RoHs and Reach 161 compliant
- Solid-state reliability
- High integrity nickel diffusion barriers on elements
- High strength for rugged environments
- Porched style for enhanced leadwire strength
- Sealed & lapped for multi-module applications

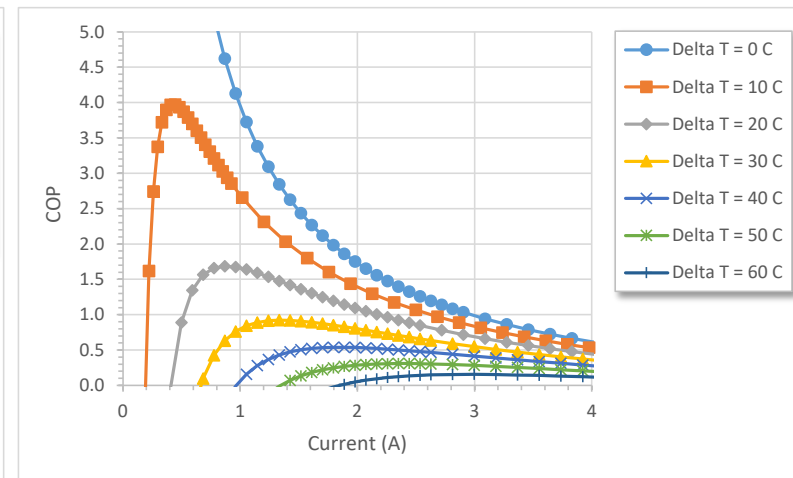
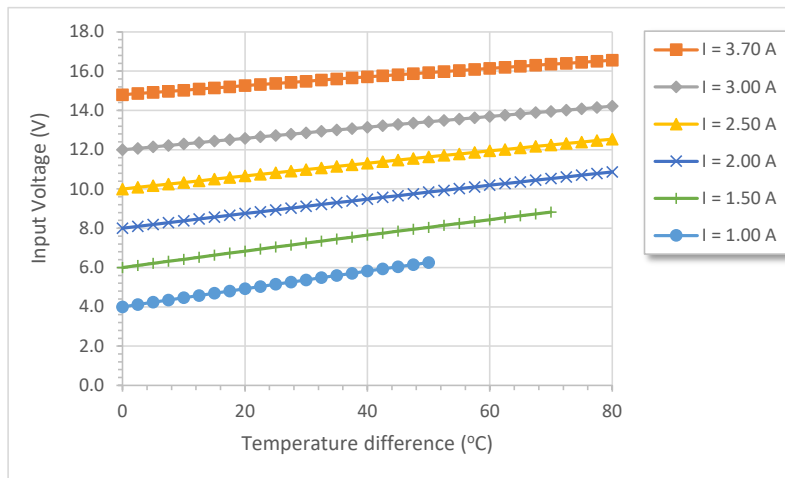
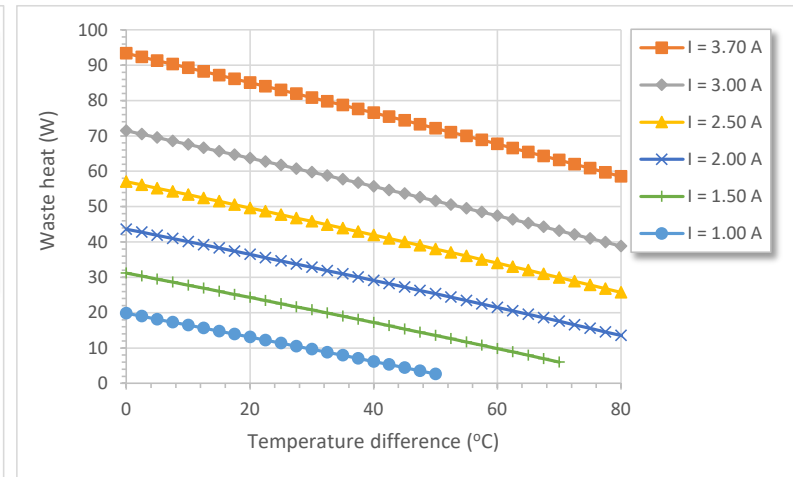
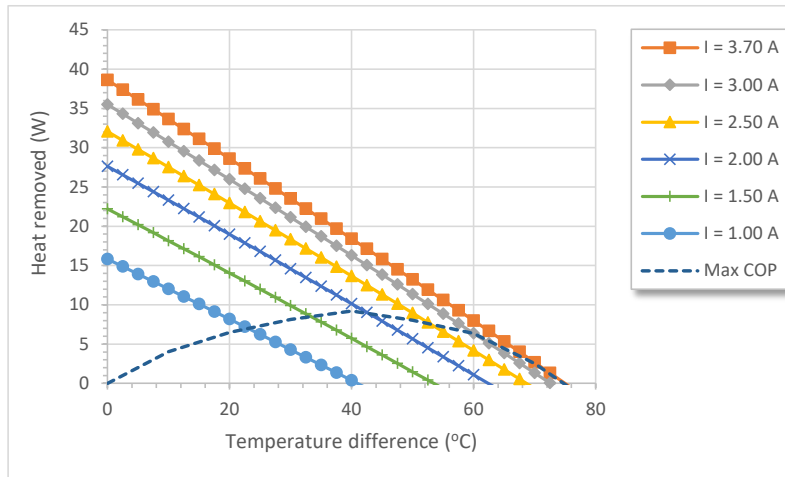
- (At hot side temperature  $T_h = 27^{\circ}C / 300K$ , under dry  $N_2$ )
- $P_c \max$  = Cooling power at  $\Delta T = 0$  and  $I = I_{max}$
- $\Delta T_{max}$  = Temperature difference at  $I = I_{max}$  and  $P_c = 0$
- Max mounting pressure: 1.5MPa
- Wires: AF250 Teflon wire, 600V, -80 to +250degC



### Data sheet - At hot side temperature 25°C



### Data sheet - At hot side temperature 50°C



### Data sheet - At hot side temperature 75°C

