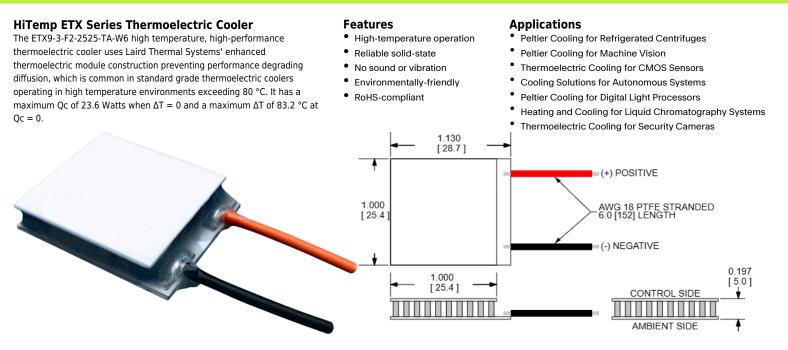
INCHES [MM]



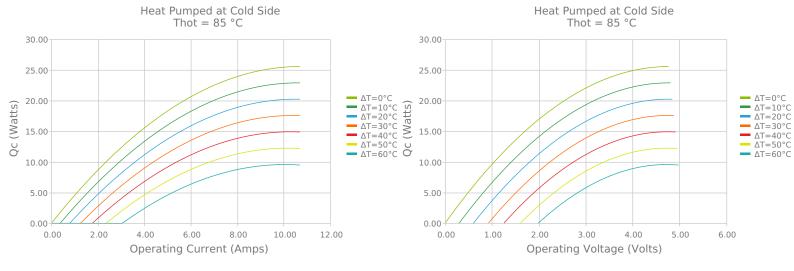


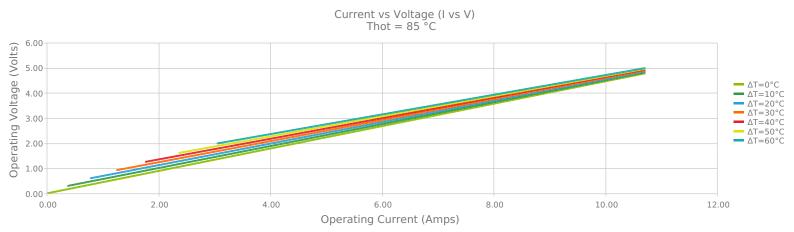
Electrical and Thermal Performance

For maximum performance, be sure to orient the CONTROL side of the TEC against the application to be managed and the AMBIENT side against the heat sink or other heat rejection method. The CONTROL side is always opposite the side with lead attachments. Lead attachment is a passive heat loss and less impactful if located on the side that attaches to the heat exchanger.

CERAMIC MATERIAL: Al2O3

SOLDER CONSTRUCTION: 232°C, SbSn







5.00

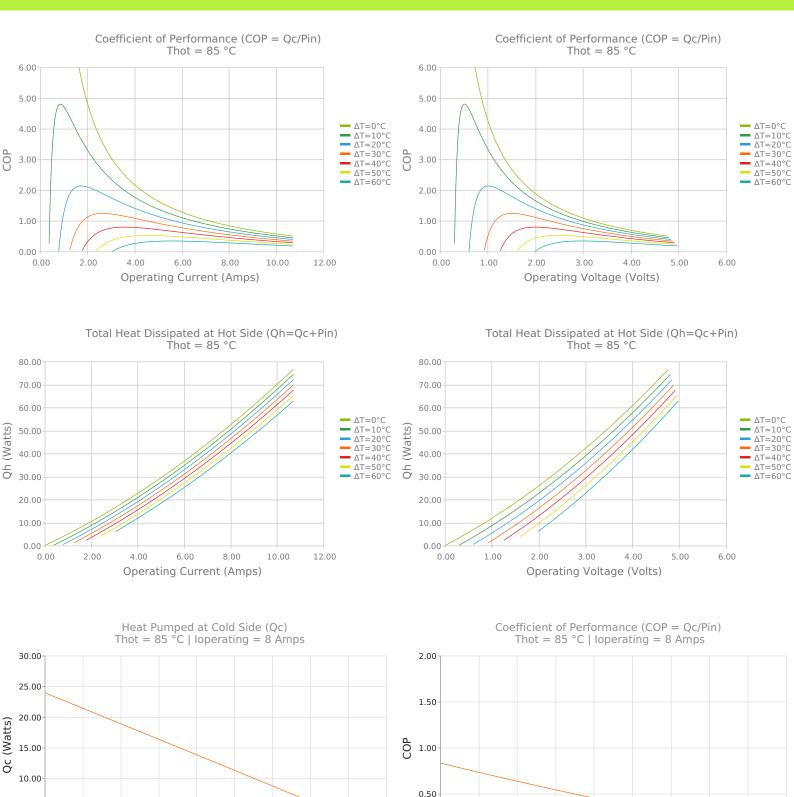
0.00

0.0

20.0

10.0

30.0



0.00

0.0

10.0

30.0

20.0

40.0

50.0

ΔT (°C)

60.0

70.0

80.0

90.0

90.0

80.0

50.0

60.0

70.0

40.0

ΔT (°C)



Specifications

Hot Side Temperature	50.0 °C	85.0 °C	110.0 °C
Qcmax ($\Delta T = 0$)	23.6 Watts	25.5 Watts	26.3 Watts
$\Delta T max (Qc = 0)$	83.2°C	95.3°C	102.0°C
Imax (I @ ΔTmax)	9.9 Amps	9.5 Amps	9.3 Amps
Vmax (V @ ΔTmax)	4.1 Volts	4.7 Volts	5.1 Volts
Module Resistance	0.38 Ohms	0.45 Ohms	0.49 Ohms
Max Operating Temperature	150 °C		
Weight	17.0 gram(s)		

Finishing Options

Suffix	Thickness	Flatness / Parallelism	Hot Face	Cold Face	Lead Length
TA	5.004 ±0.025 mm 0.197 ± 0.0010 in	0.025 mm / 0.025 mm 0.001 in / 0.001 in	Lapped	Lapped	152.4 mm 6.00 in

Sealing Options

Suffix	Sealant	Color	Temp Range	Description
	None			No sealing specified

Notes

Max operating temperature: 150°C Do not exceed Imax or Vmax when operating module

Reference assembly guidelines for recommended installation

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