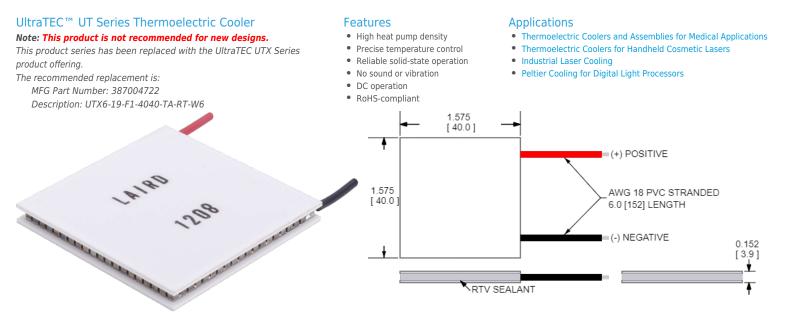
Legacy Product



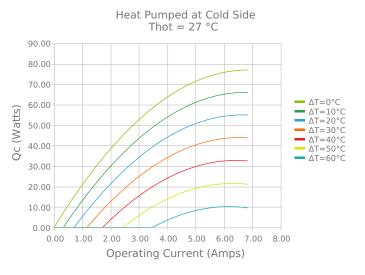
SOLDER CONSTRUCTION: 138°C, BiSn

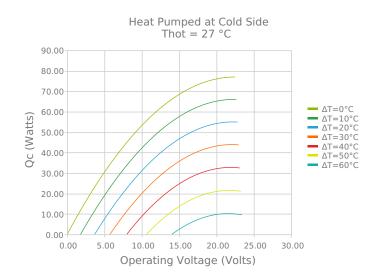
CERAMIC MATERIAL: Al2O3

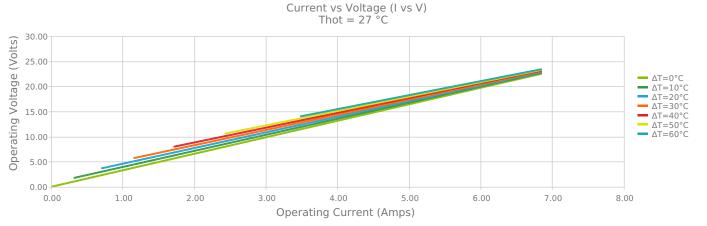
INCHES [MM]

Note: Allow 0.020 in [0.5 mm] around perimeter of the thermoelectric cooler and lead wire attachment to accommodate sealant

ELECTRICAL AND THERMAL PERFORMANCE

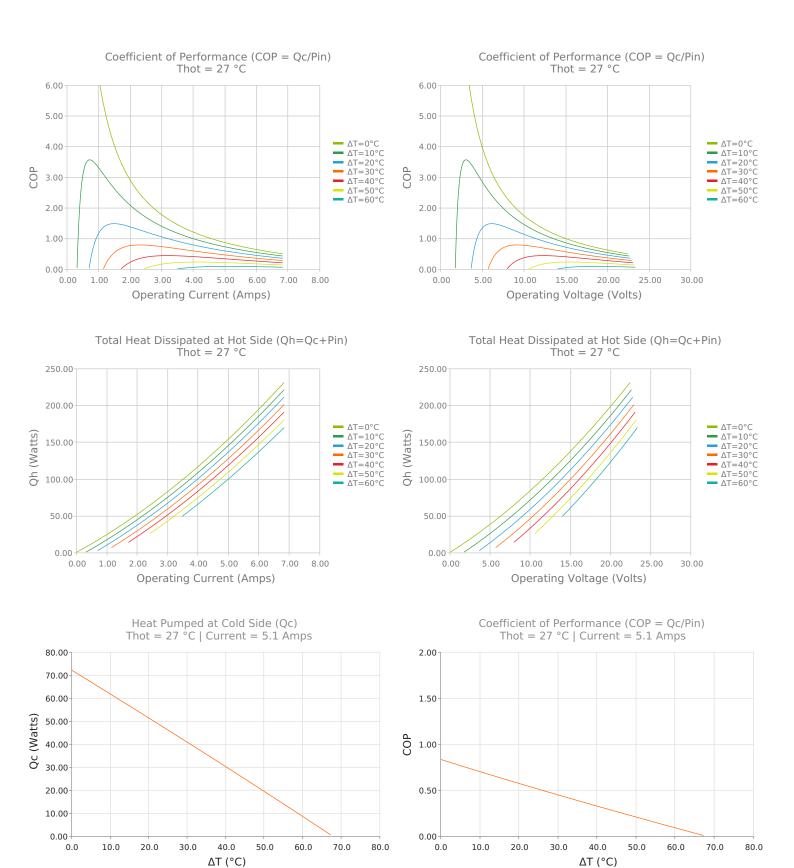








Legacy Product





Legacy Product

SPECIFICATIONS*

Hot Side Temperature

 $Qcmax (\Delta T = 0)$

 $\Delta T max (Qc = 0)$

Imax (I @ \Darmax)

Vmax (V @ Δ Tmax)

Module Resistance

Max Operating Temperature

Weight

27.0 °C	35.0 °C	50.0 °C
77.0 Watts	79.3 Watts	83.4 Watts
68.9°C	71.8°C	77.0°C
6.1 Amps	6.0 Amps	6.0 Amps
21.4 Volts	22.2 Volts	23.7 Volts
3.28 Ohms	3.42 Ohms	3.68 Ohms
80 °C		
29.0 gram(s)		

FINISHING OPTIONS

Suffix	Thickness	Flatness / Parallelism	Hot Face	Cold Face	Lead Length	
TA	3.861 ±0.025 mm 0.152 ± 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
RT	RTV	Translucent or White	-60 to 204°C	Non-corrosive, silicone adhesive

NOTES

- 1. Max operating temperature: 80°C
- 2. Do not exceed Imax or Vmax when operating module
- 3. Reference assembly guidelines for recommended installation

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Date: 01/08/2022

^{*} Specifications reflect thermoelectric coefficients updated March 2020