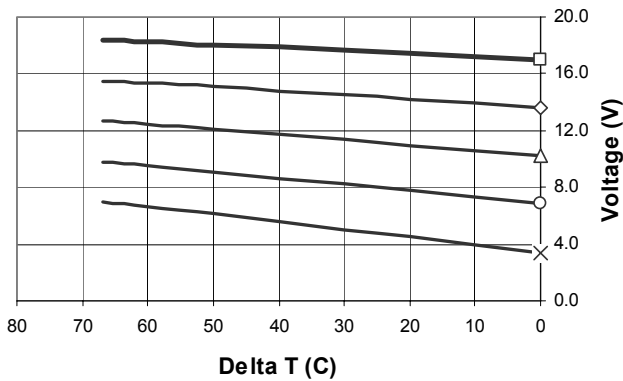


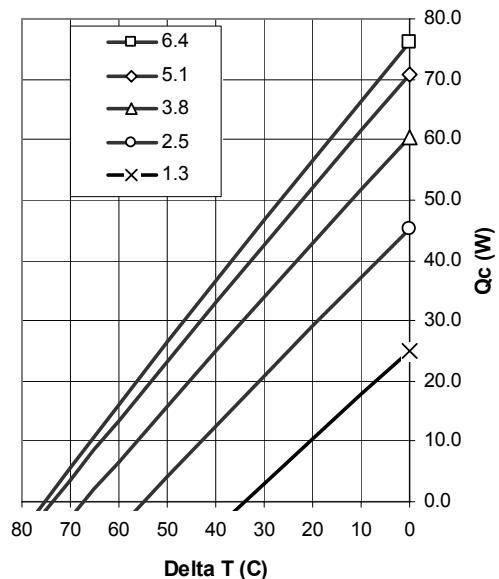
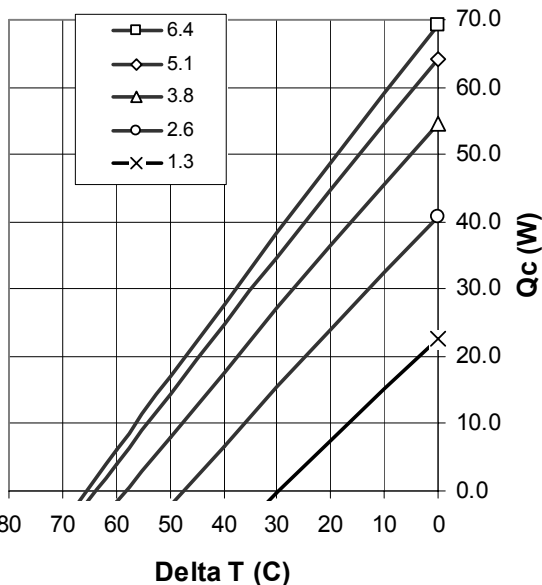
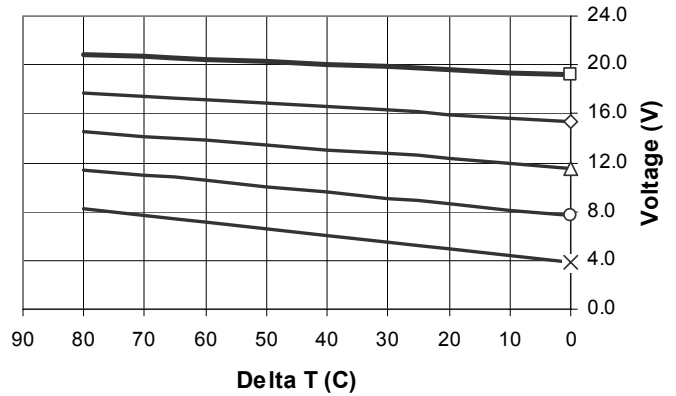
**Performance Specifications**

Hot Side Temperature (°C)	25°C	50°C
Qmax (Watts)	69.3	76.1
Delta Tmax (°C)	67	77
I <sub>max</sub> (Amps)	6.4	6.4
V <sub>max</sub> (Volts)	18.3	20.7
Module Resistance (Ohms)	2.67	3.00

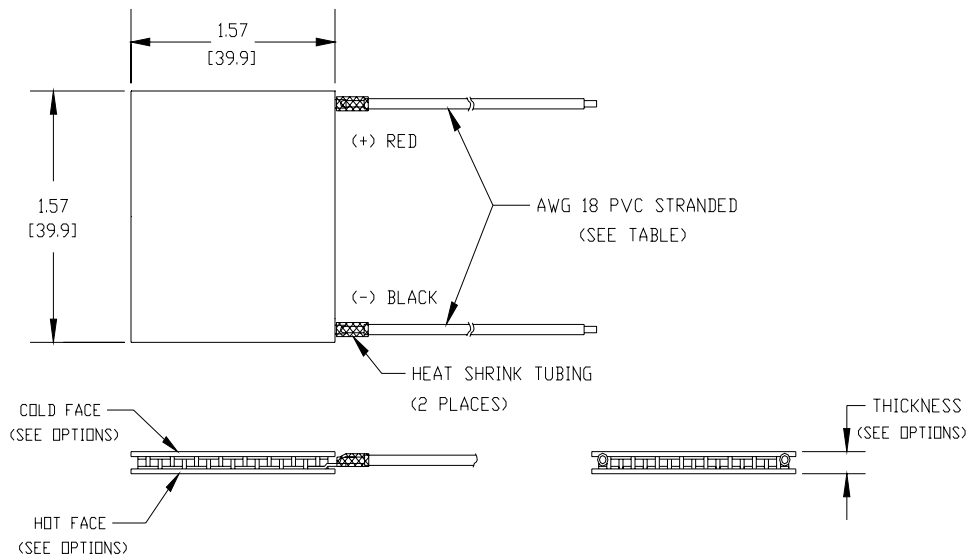
**Performance Curves – Th = 25°C**



**Performance Curves – Th = 50°C**



**Mechanical Drawing**



Ceramic Material: Alumina (Al<sub>2</sub>O<sub>3</sub>)  
 Solder Construction: 138°C, Bismuth Tin (BiSn)

**Thickness and Surface Finish Specifications**

Suffix	Thickness (Prior to Tinning)	Flatness & Parallelism	Hot Face	Cold Face	Lead Length
L1	0.130" ± 0.001"	0.001" / 0.001"	Lapped	Lapped	4.5"
	3.3 ± 0.025 mm	0.025/0.025 mm	Lapped	Lapped	114.3 mm
L2	0.130" ± 0.0005"	0.0005" / 0.0005"	Lapped	Lapped	4.5"
	3.3 ± 0.013 mm	0.013/0.013 mm	Lapped	Lapped	114.3 mm

**Operation Tips**

- Max Operating Temperature: 80°C
- Do not exceed I<sub>max</sub> or V<sub>max</sub> when operating module.
- Please consult Laird for moisture and corrosion protection options.

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For additional information please contact Laird:

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