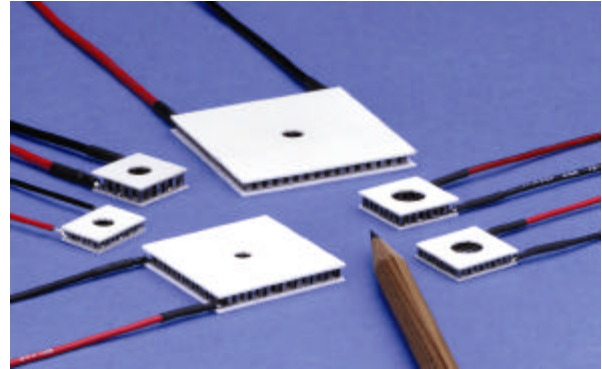
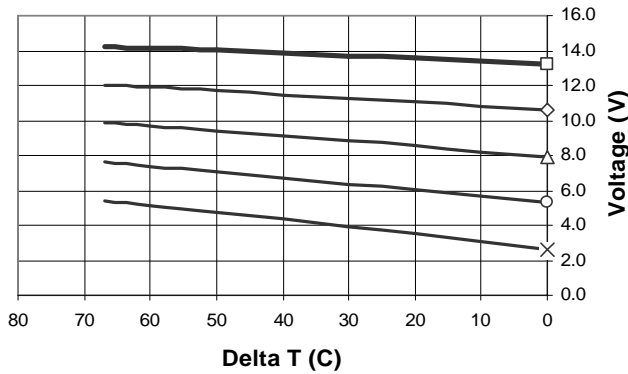


Performance Specifications

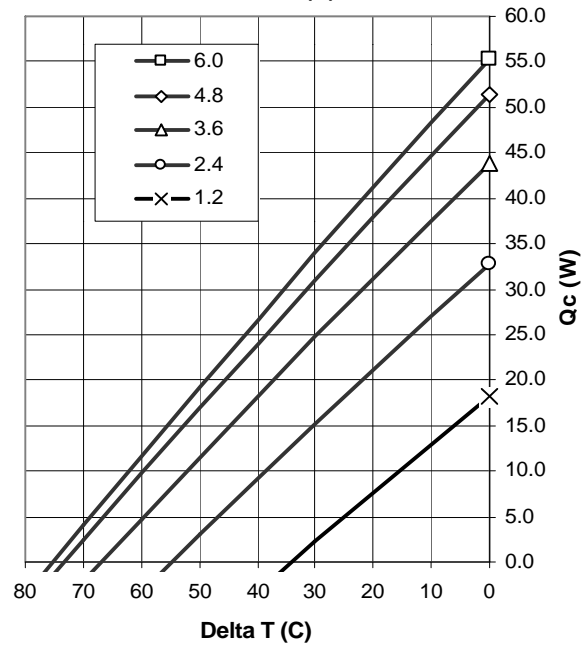
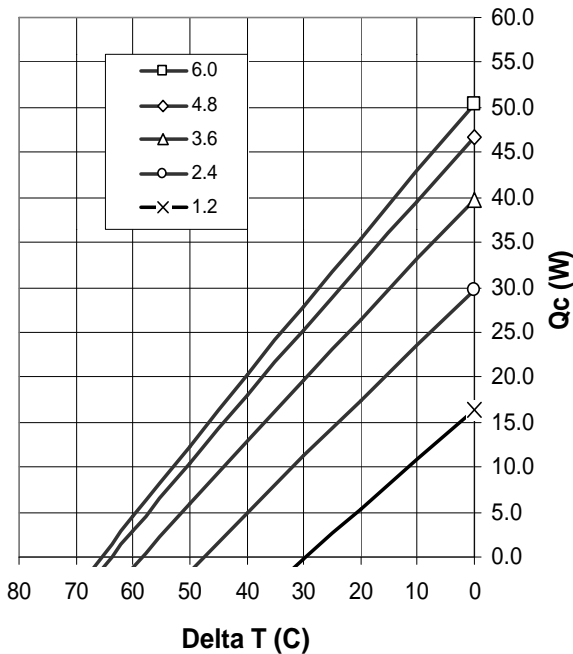
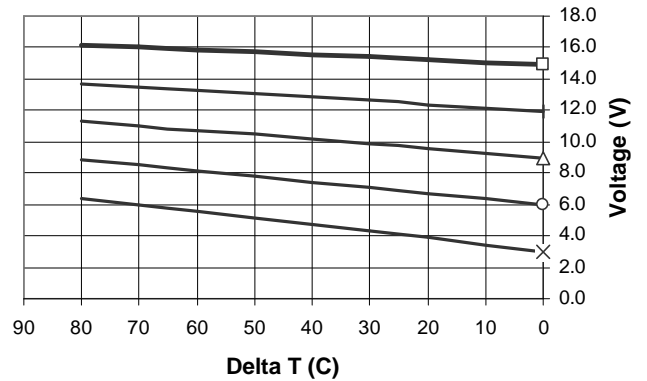
Hot Side Temperature (°C)	25 °C	50 °C
Qmax (Watts)	50.7	55.33
Delta Tmax (°C)	67	75
I <sub>max</sub> (Amps)	6.0	6.0
V <sub>max</sub> (Volts)	15.2	16.10
Module Resistance (Ohms)	2.211	2.493



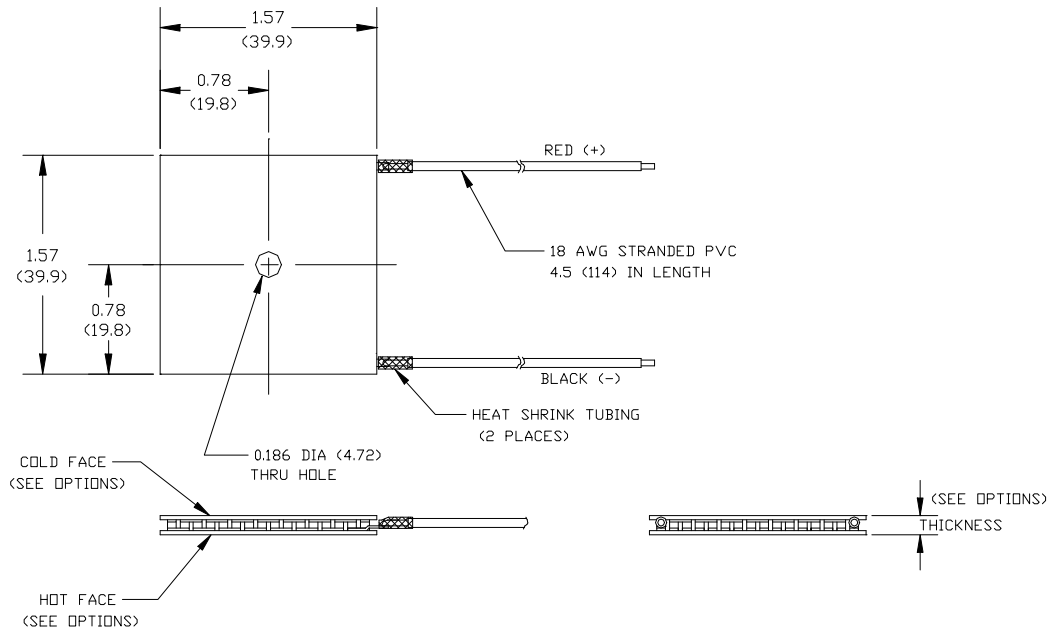
Performance Curves – Th = 25°C



Performance Curves – Th = 50°C



**Mechanical Drawing**



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

**Thickness & Surface Finish Specifications**

Suffix	Thickness (Prior to Tinning)	Flatness & Parallelism	Hot Face	Cold Face	Lead Length
L	0.150" ±0.010"	0.0015" / 0.0015"	Lapped	Lapped	4.5"
L-1	0.150" ± 0.001"	0.001" / 0.001"	Lapped	Lapped	4.5"
L-2	0.150" ± 0.0005"	0.0005" / 0.0005"	Lapped	Lapped	4.5"
MM	0.158" ± 0.010"	0.002" / 0.002"	Metallized	Metallized	4.5"

**Storage and Operation Tips**

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

Page Intentionally  
Left Blank



---

For additional information please contact Melcor:

INTERNET: [www.melcor.com](http://www.melcor.com)

ONLINE STORE: [www.store.melcor.com](http://www.store.melcor.com)

E-MAIL: [tecooler@melcor.com](mailto:tecooler@melcor.com)

N. AMERICA: Melcor Corp., 1040 Spruce Street, Trenton, NJ 08648

Phone: (609) 393-4178, Fax: (609) 393-9461

For a worldwide distributor listing please visit our Global Sales Office web page at

<http://www.melcor.com/global.html>

---

Melcor and the Melcor logo are trademarks of Melcor Coporation.