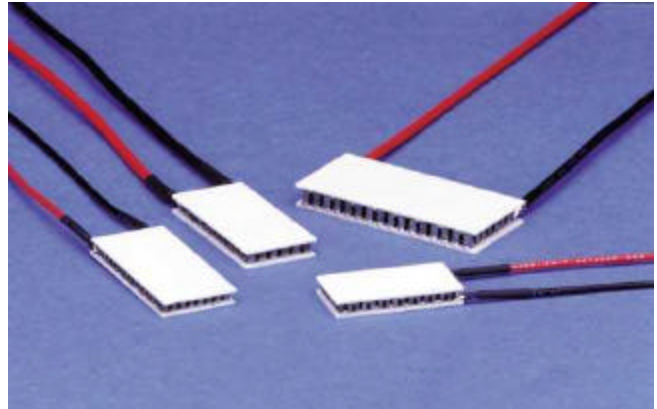
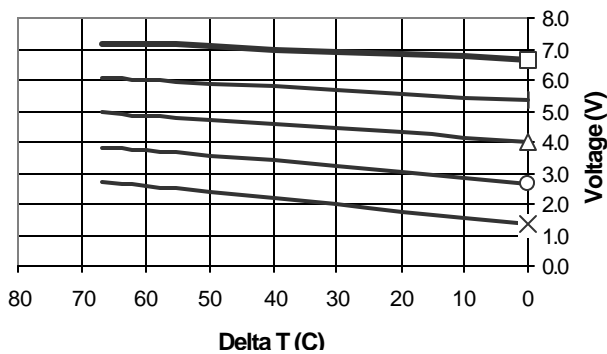


Performance Specifications

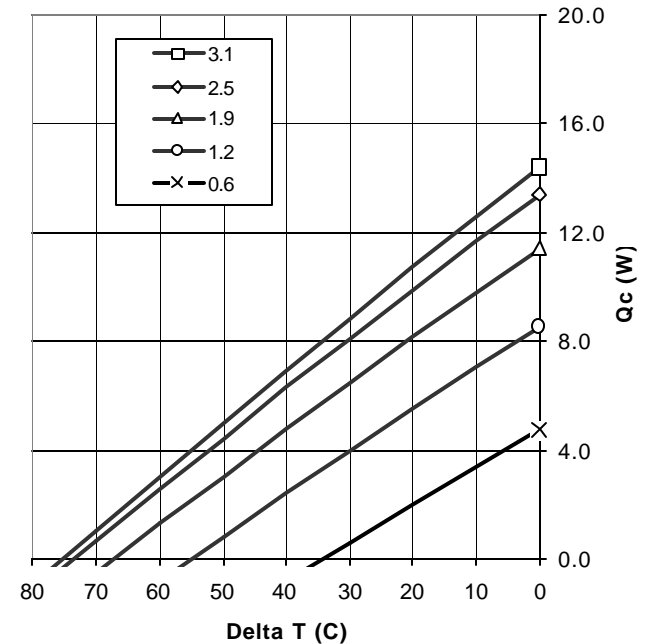
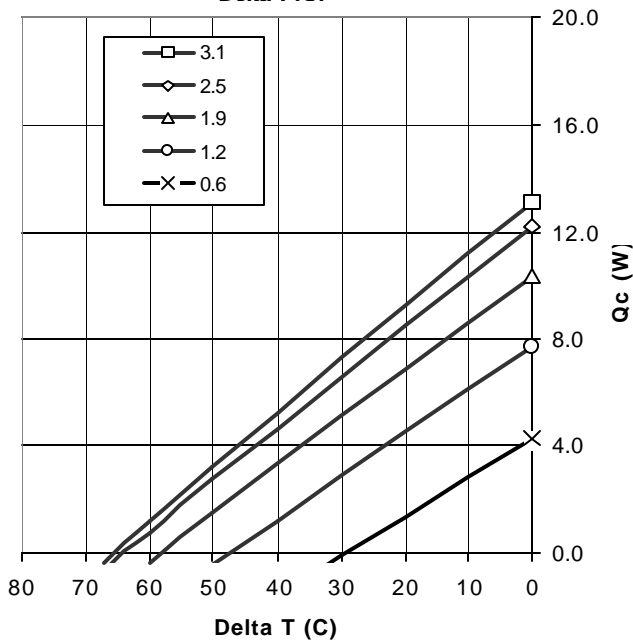
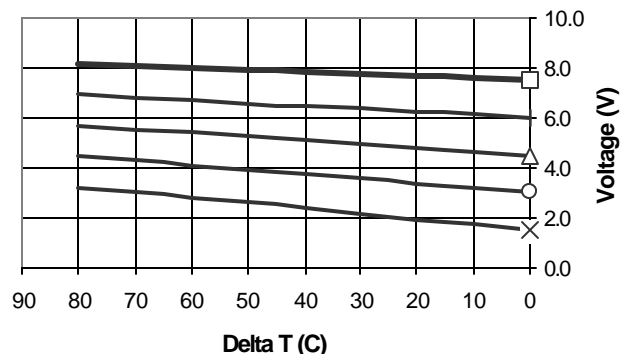
Hot Side Temperature (°C)	25° C	50° C
Qmax (Watts)	12.7	14.4
Delta Tmax (°C)	67	77
I <sub>max</sub> (Amps)	3.0	3.0
V <sub>max</sub> (Volts)	7.62	8.12
Module Resistance (Ohms)	2.16	2.43



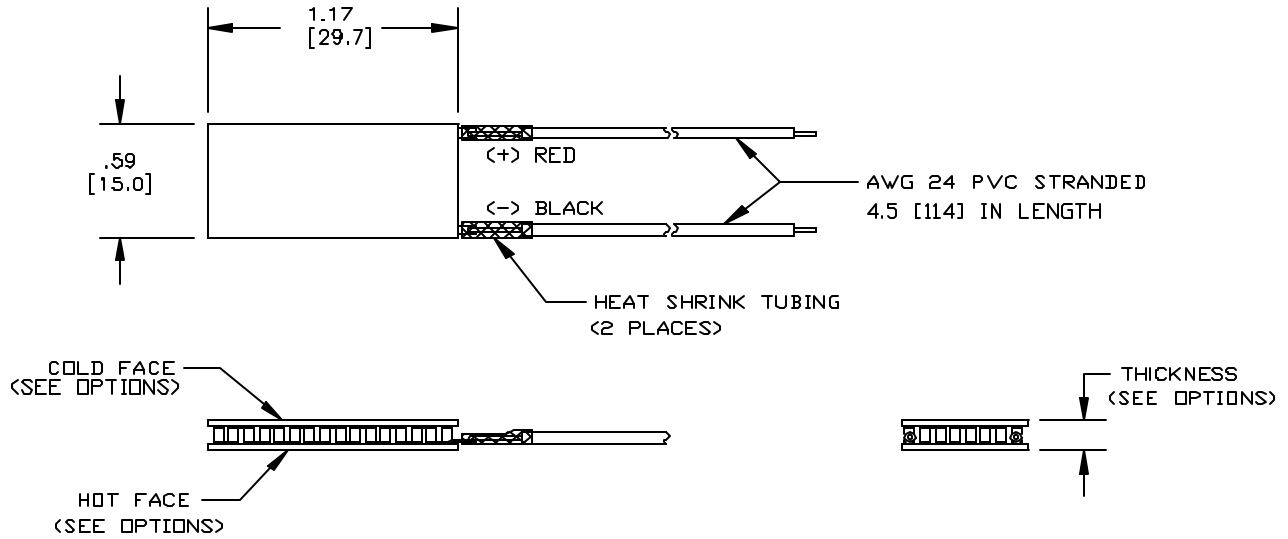
Performance Curves – Th = 25° C



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	Flatness & Parallelism	Hot Face	Cold Face	Lead Length
L	0.141" ± 0.010"	0.0015" / 0.0015"	Lapped	Lapped	4.5"
-1	0.141" ± 0.001"	0.001" / 0.001"	Lapped	Lapped	4.5"
-2	0.141" ± 0.0005"	0.0005" / 0.0005"	Lapped	Lapped	4.5"
ML	0.145 ± 0.010"	0.002" / 0.002"	Metallized	Lapped	4.5"
LM	0.145 ± 0.010"	0.002" / 0.002"	Lapped	Metallized	4.5"
MM	0.149 ± 0.010"	0.002" / 0.002"	Metallized	Metallized	4.5"

**Operating 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 moisture and corrosion protection options.
- Solder tinning also available on metallized ceramics.

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For additional information please contact Melcor:

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

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

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