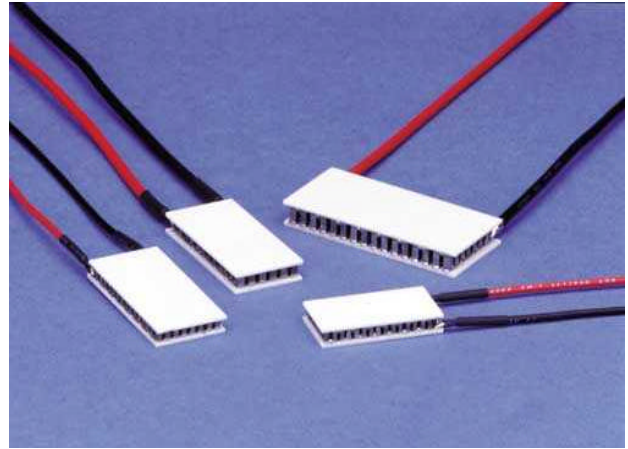
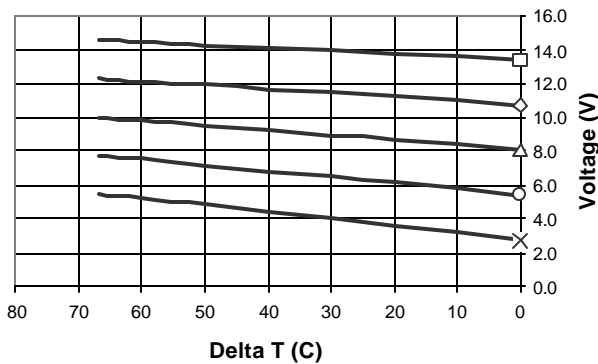


Performance Specifications

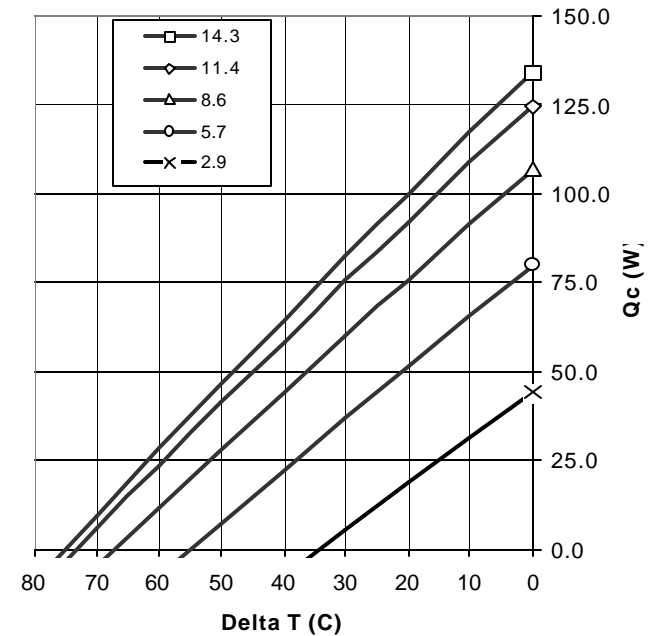
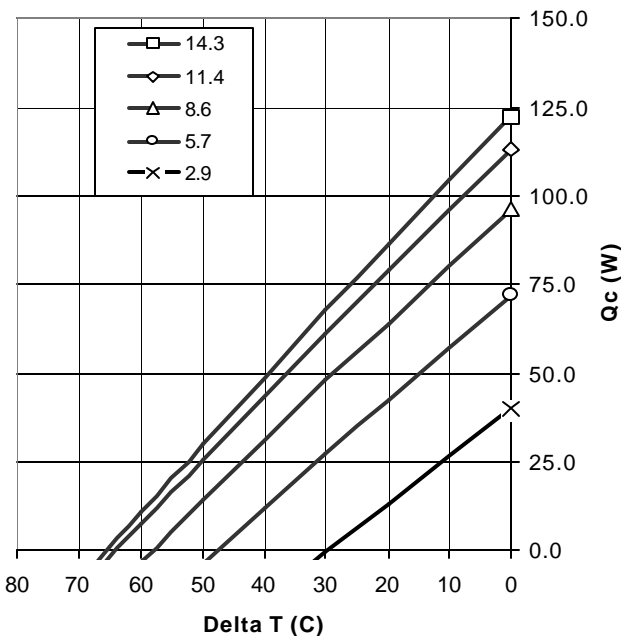
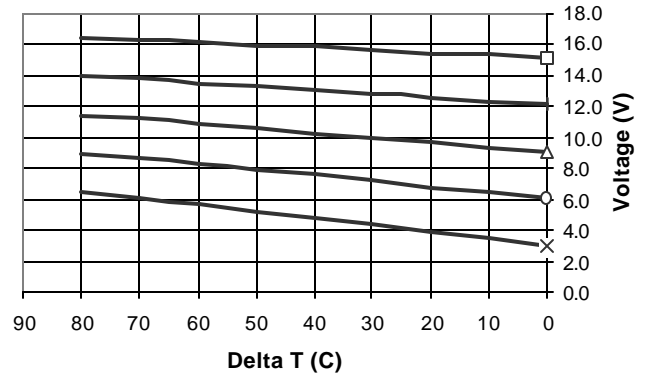
Hot Side Temperature (°C)	25° C	50° C
Qmax (Watts)	120	134
Delta Tmax (°C)	68	77
I <sub>max</sub> (Amps)	14.0	14.0
V <sub>max</sub> (Volts)	15.4	16.4
Module Resistance (Ohms)	0.94	1.06



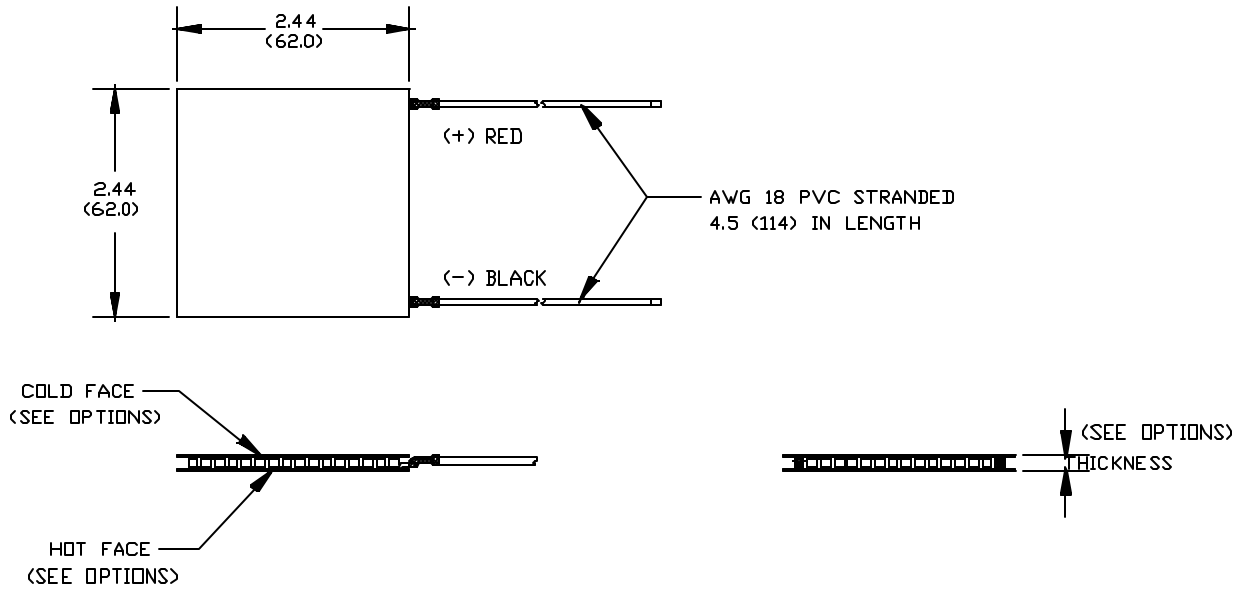
Performance Curves – Th = 25° C



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
L	0.180" ± 0.010"	0.0025" / 0.0025"	Lapped	Lapped	4.5"
L-1	0.180" ± 0.001"	0.001" / 0.001"	Lapped	Lapped	4.5"
L-2	0.180" ± 0.0005"	N/A	Lapped	Lapped	4.5"
ML	0.184 ± 0.010"	0.002" / 0.002"	Metallized	Lapped	4.5"
LM	0.184 ± 0.010"	0.002" / 0.002"	Lapped	Metallized	4.5"
MM	0.188 ± 0.010"	0.002" / 0.002"	Metallized	Metallized	4.5"

**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 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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