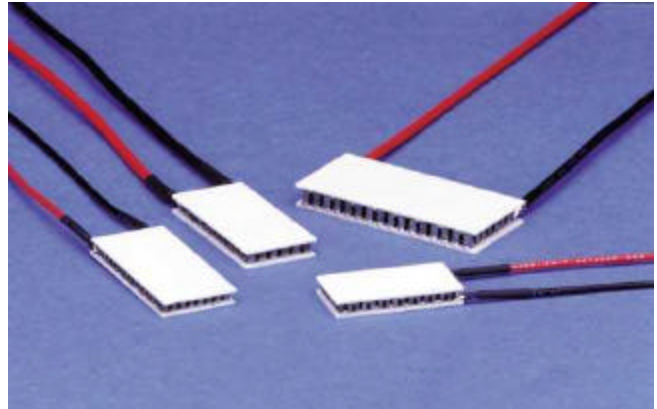
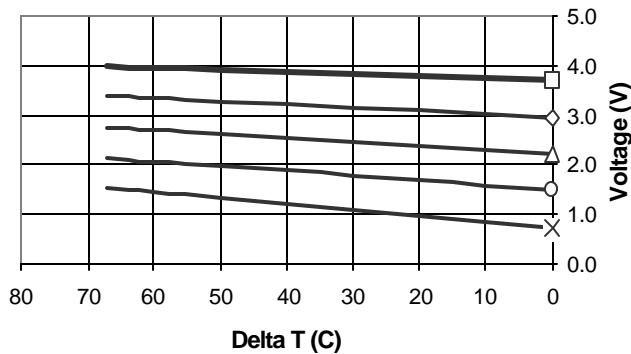


Performance Specifications

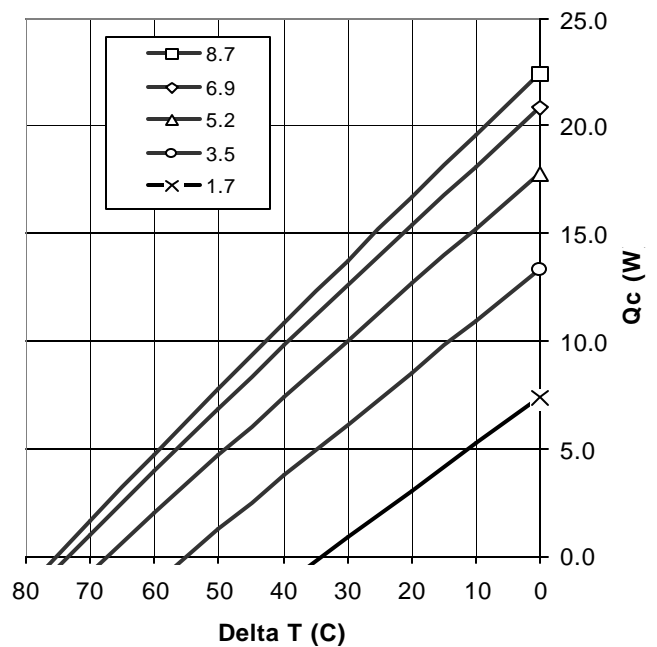
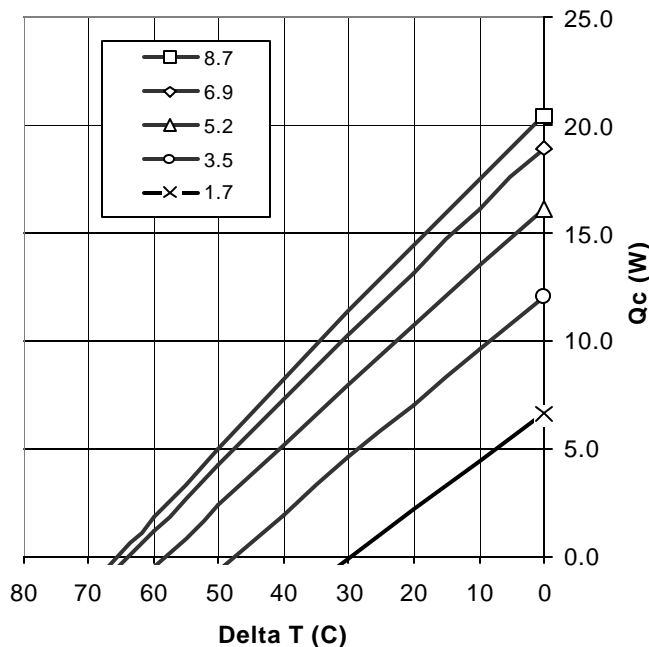
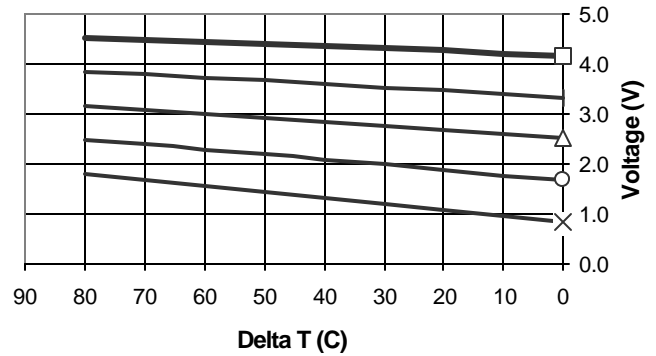
Hot Side Temperature (°C)	25° C	50° C
Qmax (Watts)	19.0	22.5
Delta Tmax (°C)	65	74
I <sub>max</sub> (Amps)	8.5	8.5
V <sub>max</sub> (Volts)	4.24	4.51
Module Resistance (Ohms)	0.43	0.48



Performance Curves – Th = 25° C



Performance Curves – Th = 50° C



**Mechanical Drawing**

NO DRAWING  
AVAILABLE

Ceramic Material: Alumina ( $\text{Al}_2\text{O}_3$ )  
Solder Construction: 138°C, Bismuth Tin (BiSn)

**Thickness and Surface Finish Specifications**

Suffix	Thickness	Flatness & Parallelism	Hot Face	Cold Face	Lead Length
L	0.131" $\pm$ 0.010"	0.0015" / 0.0015"	Lapped	Lapped	4.5"
-1	0.131" $\pm$ 0.001"	0.001" / 0.001"	Lapped	Lapped	4.5"
-2	0.131" $\pm$ 0.0005"	0.0005" / 0.0005"	Lapped	Lapped	4.5"
ML	0.135 $\pm$ 0.010"	0.002" / 0.002"	Metallized	Lapped	4.5"
LM	0.135 $\pm$ 0.010"	0.002" / 0.002"	Lapped	Metallized	4.5"
MM	0.139 $\pm$ 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:

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>

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