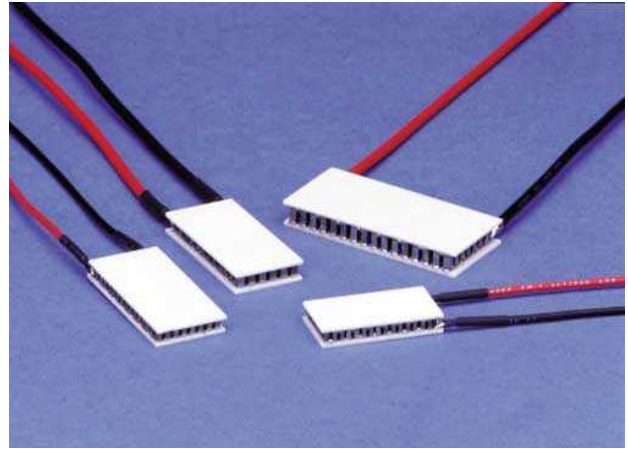
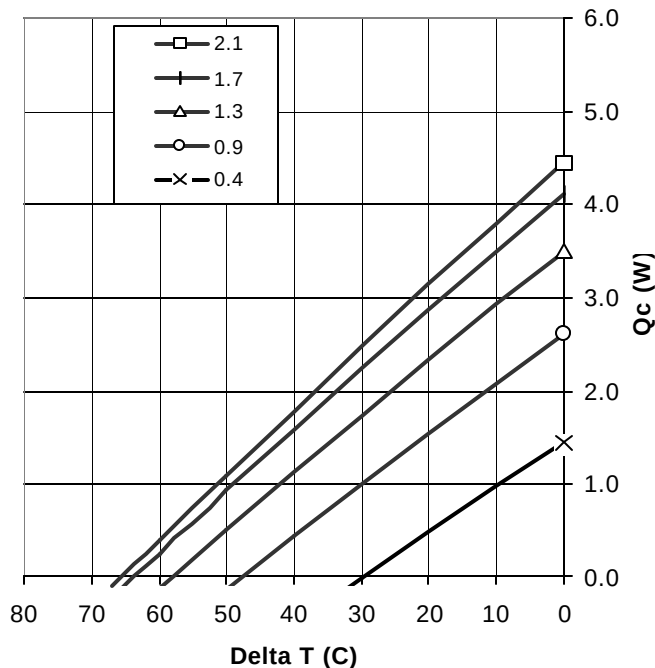
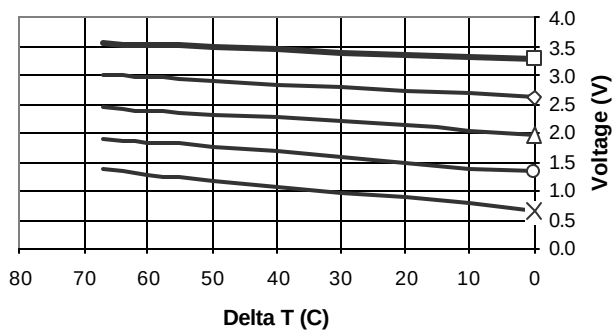


Performance Specifications

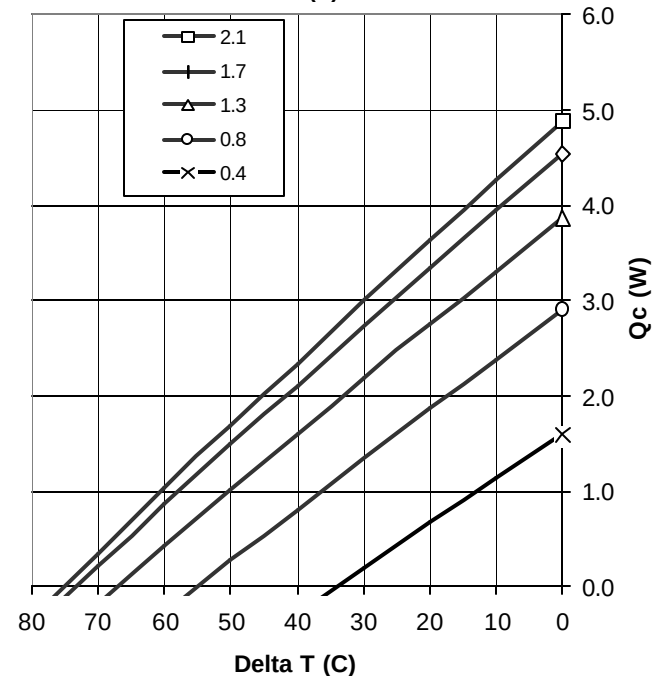
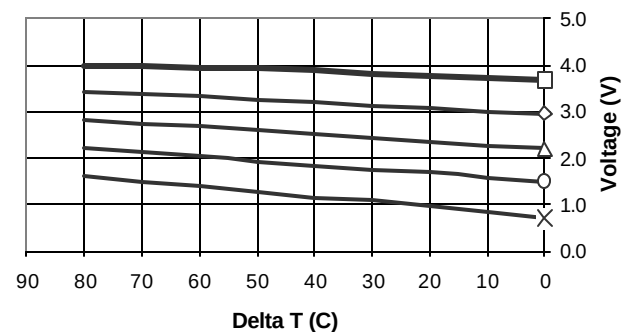
Hot Side Temperature (°C)	25°C	50°C
Q _{max} (Watts)	4.5	5.0
Delta T _{max} (°C)	67	75
I _{max} (Amps)	2.1	2.1
V _{max} (Volts)	3.75	4.10
Module Resistance (Ohms)	1.54	1.74



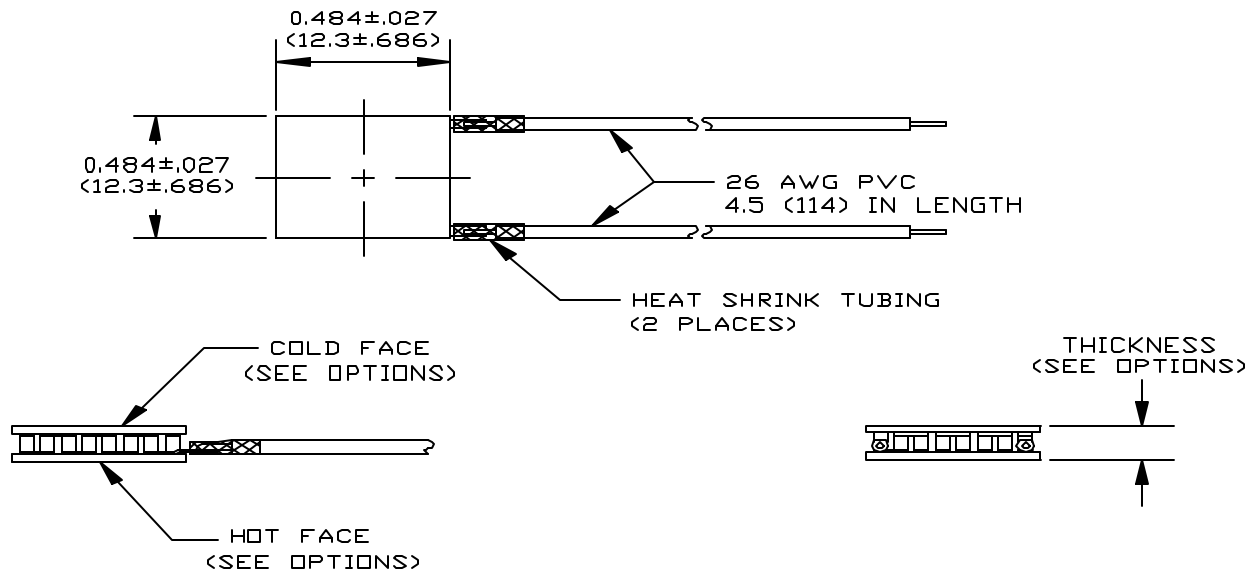
Performance Curves – Th = 25°C



Performance Curves – Th = 50°C



Mechanical Drawing



Ceramic Material: Alumina (Al_2O_3)

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	$0.134'' \pm 0.010''$	$0.0015'' / 0.0015''$	Lapped	Lapped	4.5"
L-1	$0.134'' \pm 0.001''$	$0.001'' / 0.001''$	Lapped	Lapped	4.5"
L-2	$0.134'' \pm 0.0005''$	$0.0005'' / 0.0005''$	Lapped	Lapped	4.5"
ML	$0.138 \pm 0.010''$	$0.002'' / 0.002''$	Metallized	Lapped	4.5"
LM	$0.138 \pm 0.010''$	$0.002'' / 0.002''$	Lapped	Metallized	4.5"
MM	$0.142 \pm 0.010''$	$0.002'' / 0.002''$	Metallized	Metallized	4.5"

Operating Tips

- Max Operating Temperature: 80°C
- Do not exceed I_{max} or V_{max} when operating module.
- Please consult Melcor for moisture and corrosion protection options.
- Solder tinning also available on metallized ceramics.

Page Intentionally
Left Blank



For additional information please contact Melcor:

INTERNET: www.melcor.com

ONLINE STORE: www.store.melcor.com

E-MAIL: 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 Corporation.