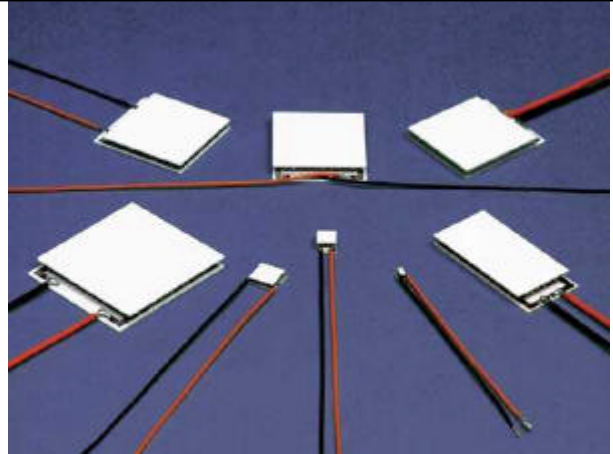


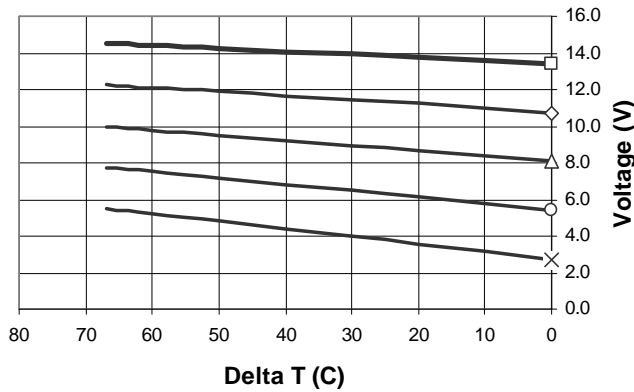
HT4-12-40

Performance Specifications

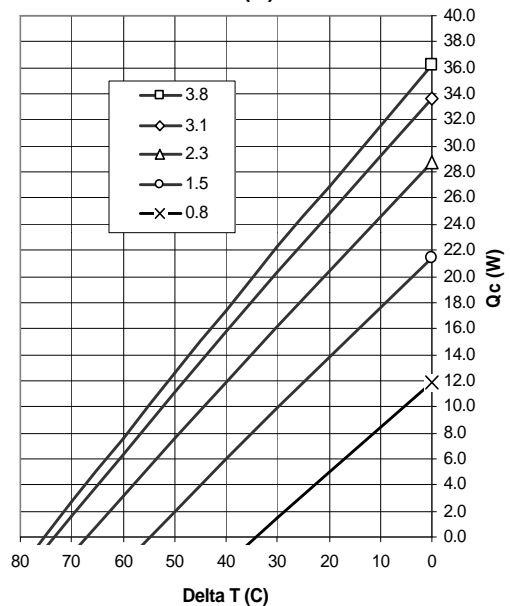
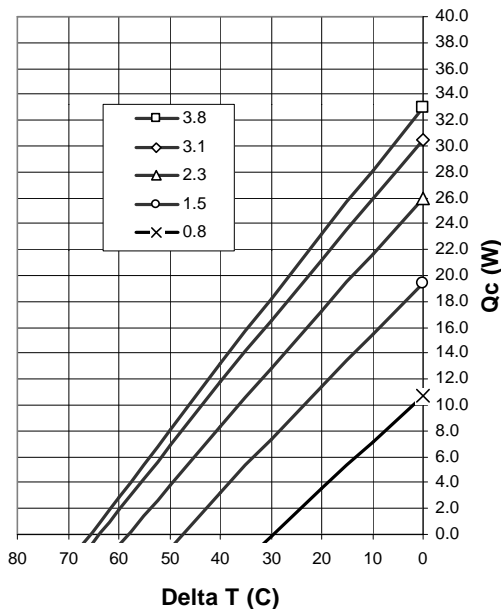
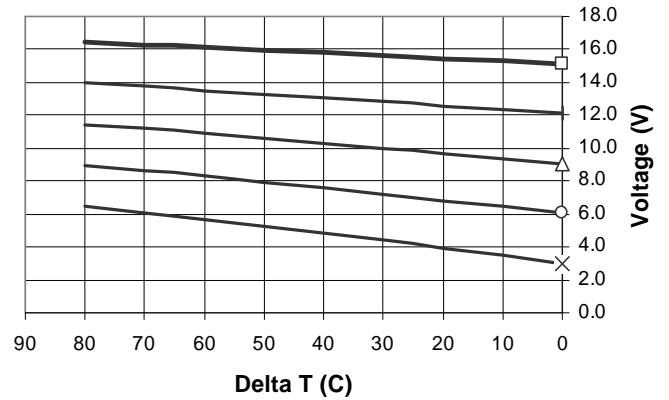
Hot Side Temperature (°C)	25 °C	50 °C
Qmax (Watts)	32	36.2
DeltaTmax (°C)	67	75
I _{max} (Amps)	3.7	3.85
V _{max} (Volts)	14.4	15.13
Module Resistance (Ohms)	3.49	3.93



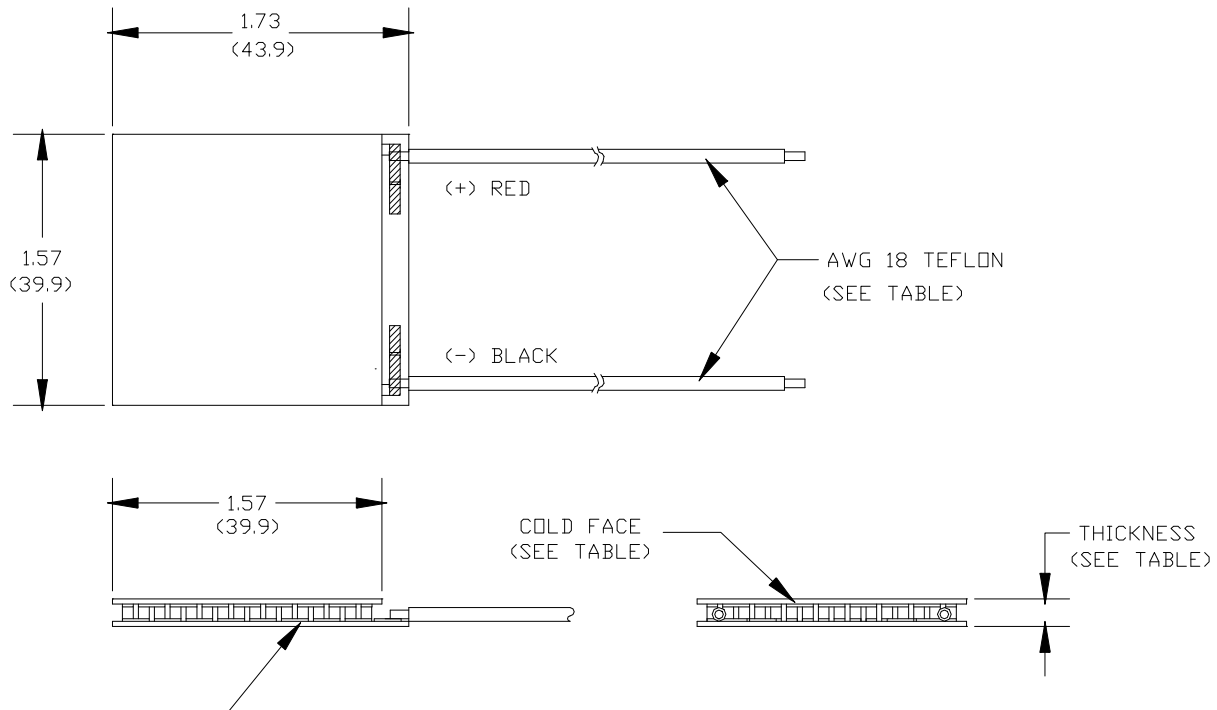
Performance Curves – Th = 25°C



Performance Curves – Th = 50°C



Mechanical Drawing



Ceramic: Alumina (Al_2O_3)
Solder Construction: 271°C SnSb

Thickness and Surface Finish Specifications

Suffix	Thickness	Flatness & Parallelism	Hot Face	Cold Face	Lead Length
NONE	0.163" ± 0.015"	0.002" / 0.0035"	Lapped	Lapped	6.0"
-T1	0.163" ± 0.001"	0.002" / 0.0035"	Lapped	Lapped	6.0"
-T2	0.163" ± 0.0005"	0.002" / 0.0035"	Lapped	Lapped	6.0"

Operation Tips

- Max Operating Temperature: 200°C
- Do not exceed I_{max} or V_{max} when operating module.
- Please consult Melcor for moisture and corrosion protection options

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.