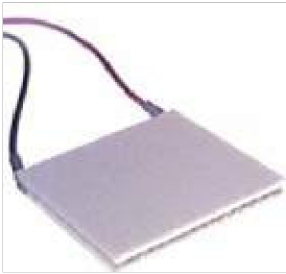


**Thermoelectric
Cooler**

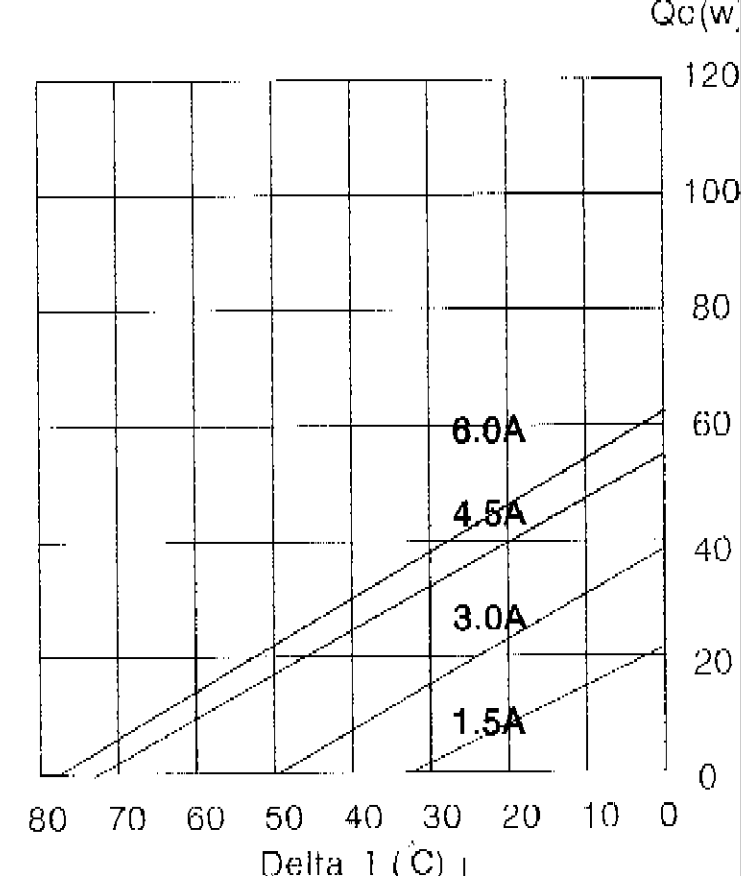
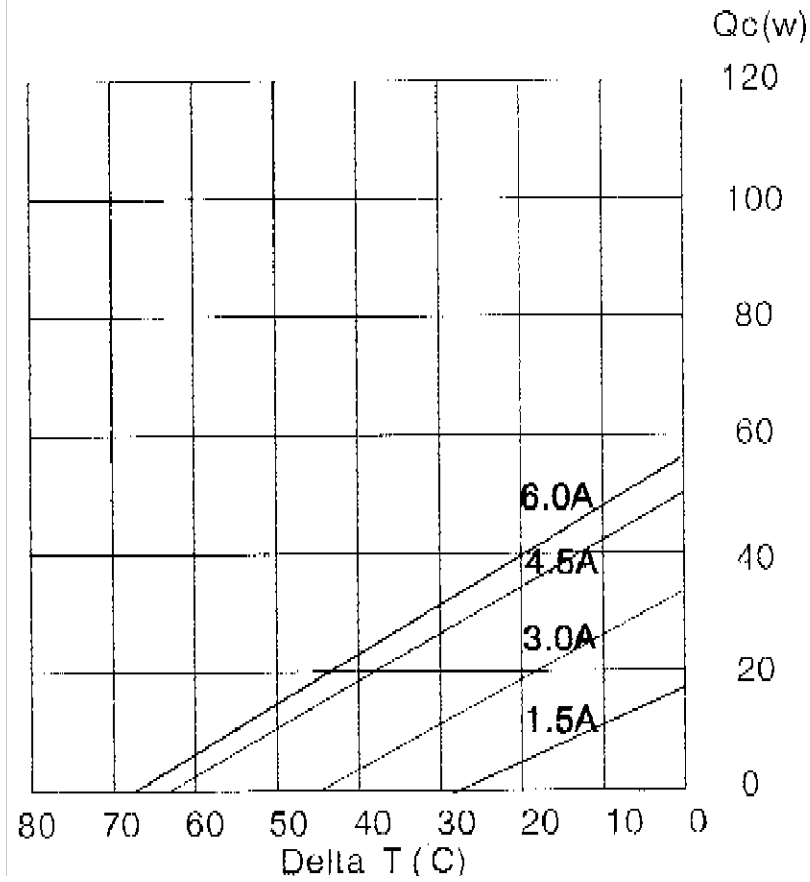
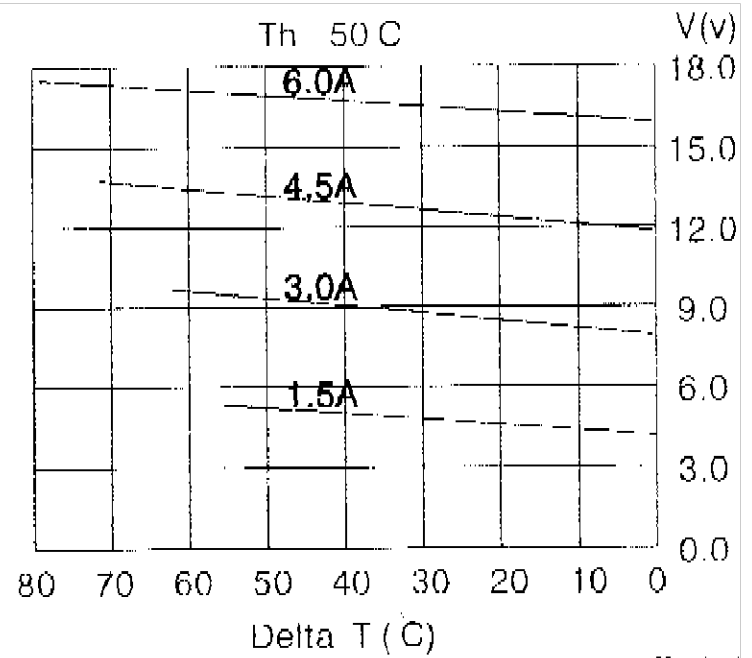
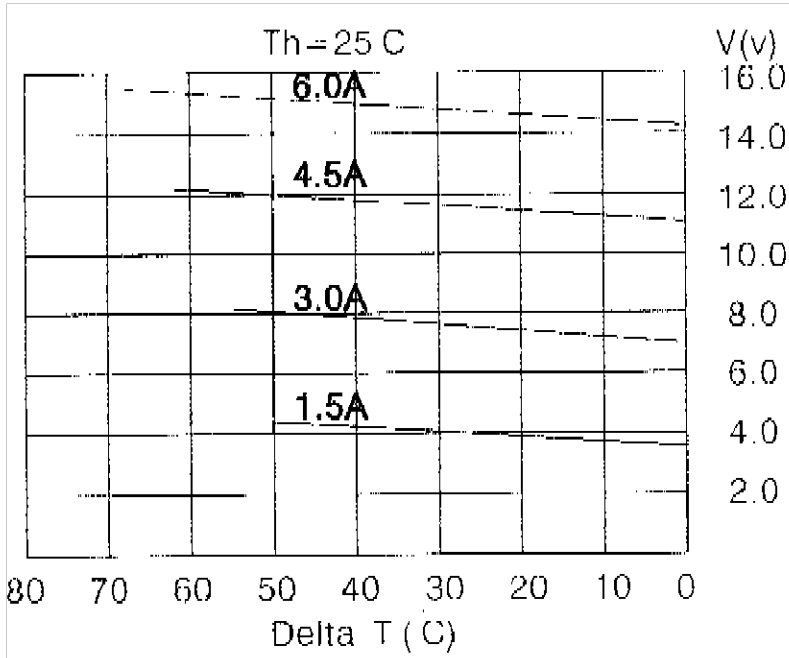
STONECOLD **PM-40X40-53**

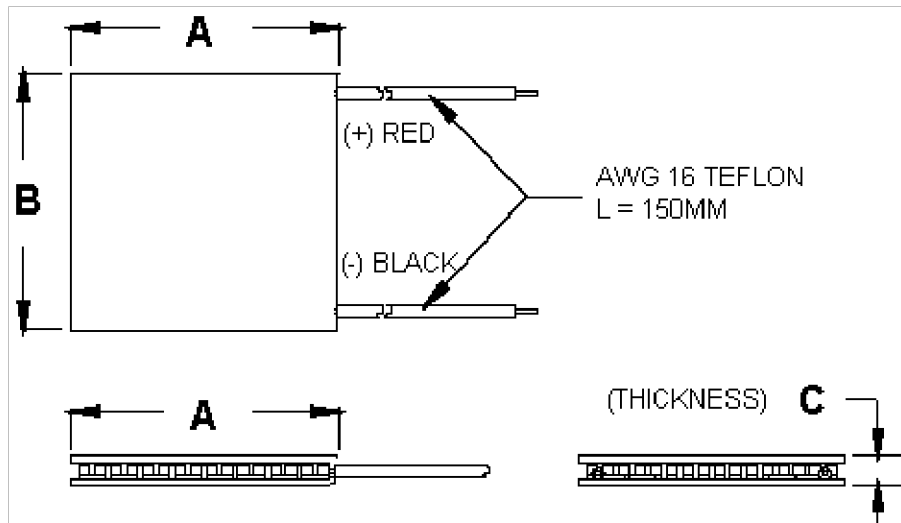
Performance Specifications

Hot Side Temperature (°C)	25° C	50° C
Qmax (Watts)	50	57
Delta Tmax (°C)	66	75
I _{max} (Amps)	6.4	6.4
V _{max} (Volts)	14.4	16.4
Module Resistance (Ohms)	1.98	2.30



Performance curves on page 2





Ceramic Material: Alumina (Al_2O_3)
 Solder Construction: 138°C, Bismuth Tin (BiSn)

Size table:

A	B	C
40	40	3.8

Operating Tips

- Max. Operating Temperature: 138°C
- Do not exceed I_{max} or V_{max} when operating module.
- Life expectancy: 200,000 hours
- Failure rate based on long time testings: 0.2%.