

Thermoelectric
Cooler

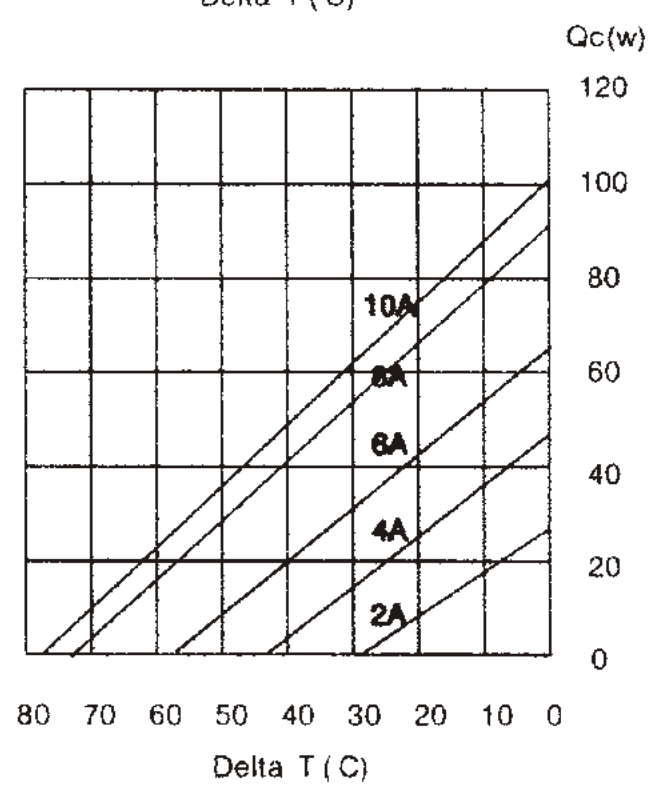
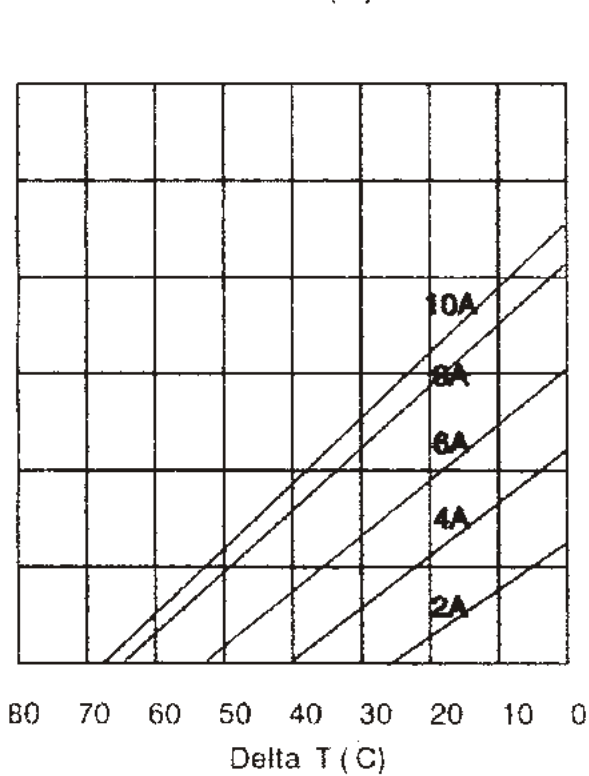
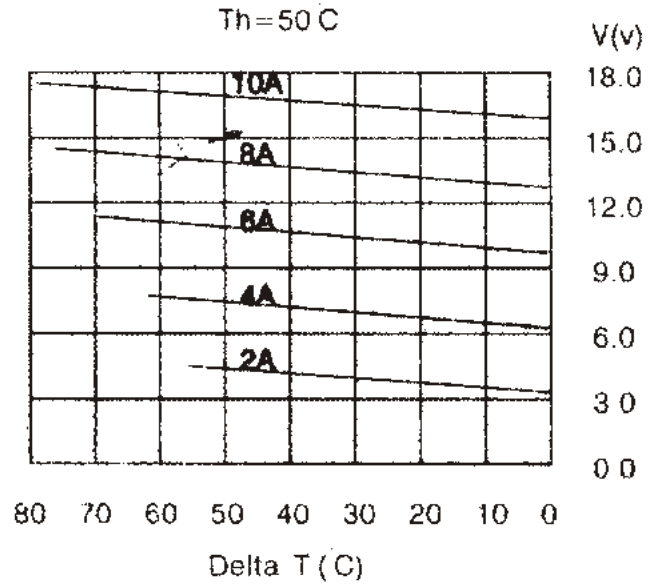
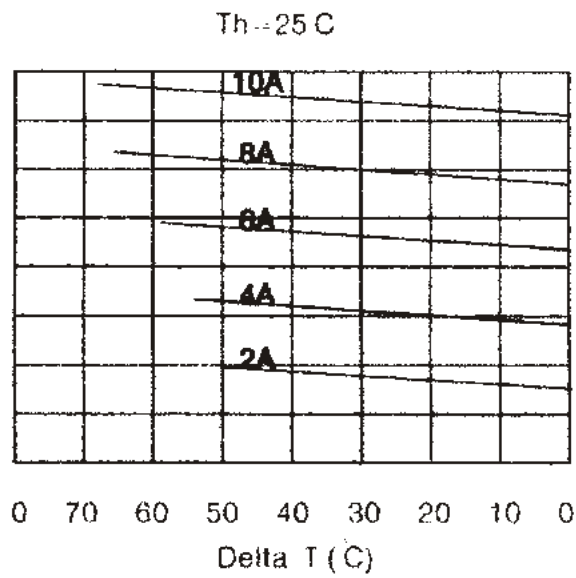
TEC1-12710

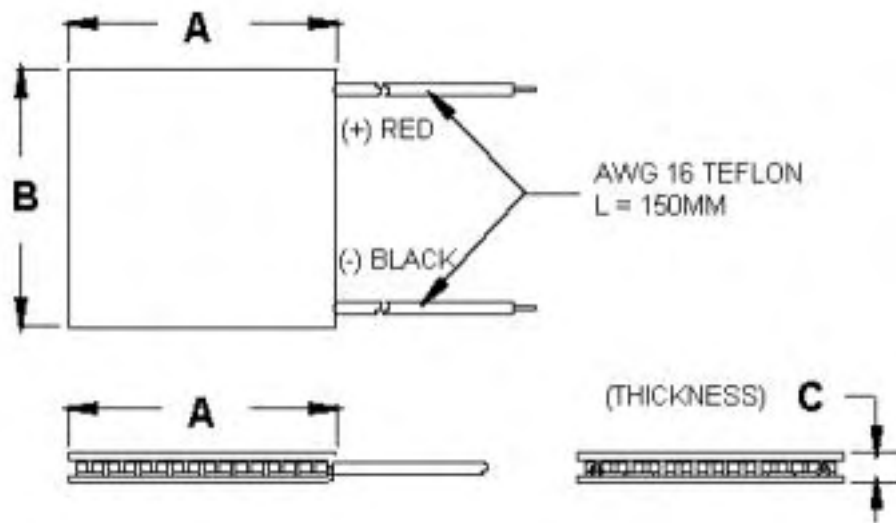
Performance Specifications

Hot Side Temperature (°C)	25°C	50°C
Qmax (Watts)	85	96
Delta Tmax (°C)	66	75
I _{max} (Amps)	10.5	10.5
V _{max} (Volts)	15.2	17.4
Module Resistance (Ohms)	1.08	1.24



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	3.3			

Operating Tips

- Max. Operating Temperature: 138°C
- Do not exceed I_{max} or V_{max} when operating module.
- Life expectancy: 200,000 hours
-
- Please consult HB for moisture protection options (sealing).
- Failure rate based on long time testings: 0.2%.