

# Thermoelectric Cooler

# TEC1-12710

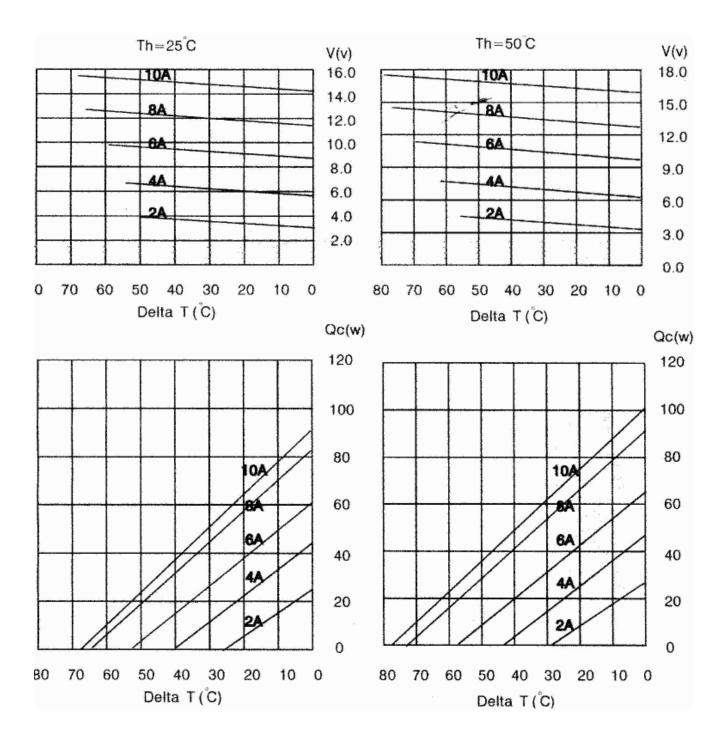
## **Performance Specifications**

Hot Side Temperature (° C)	25º C	50º C
Qmax (Watts)	85	96
Delta Tmax (º C)	66	75
Imax (Amps)	10.5	10.5
Vmax (Volts)	15.2	17.4
Module Resistance (Ohms)	1.08	1.24



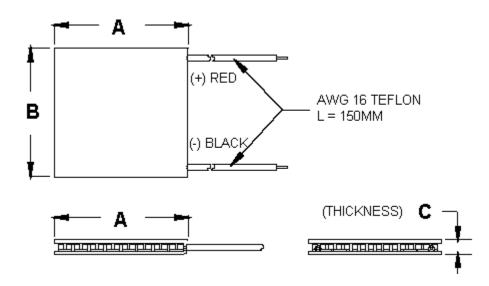
Performance curves on page 2

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Ceramic Material: Alumina (Al<sub>2</sub>O<sub>3</sub>) Solder Construction: 138°C, Bismuth Tin (BiSn)

#### Size table:

Α	В	С	
40	40	3.3	

### **Operating Tips**

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

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