

Thermoelectric Cooler

TEC1-12708

Performance Specifications

Hot Side Temperature (°C)	25º C	50° C
Qmax (Watts)	71	79
Delta Tmax (° C)	66	75
Imax (Amps)	8.5	8.4
Vmax (Volts)	15.4	17.5
Module Resistance (Ohms)	1.50	1.80

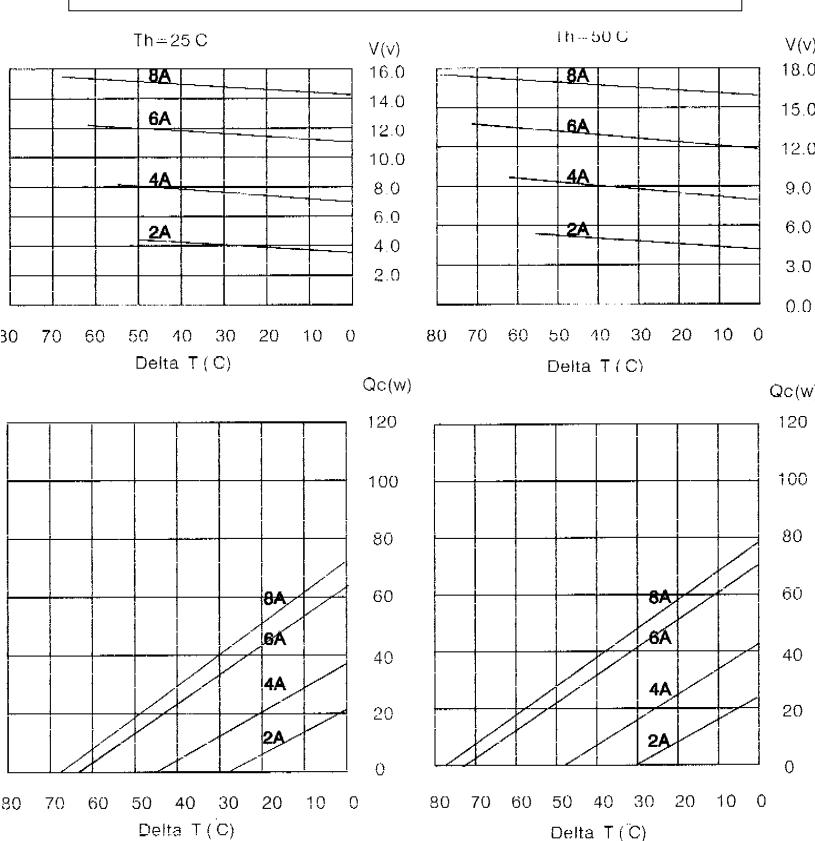


Performance curves on page 2



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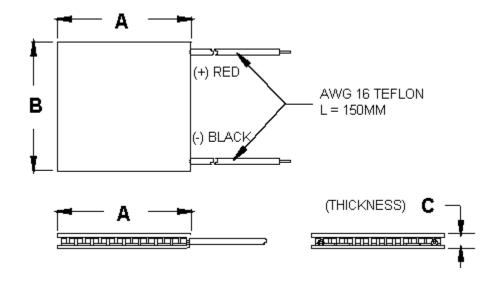
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Rev 2.03



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Ceramic Material: Alumina (Al₂O₃)

Solder Construction: 138°C, Bismuth Tin (BiSn)

Size table:

Α	В	С			
40	40	3.5			

Operating Tips

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

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