

Thermoelectric Cooler

TEC1-12730

Performance Specifications

Hot Side Temperature (° C)	25º C	50º C
Qmax (Watts)	257	282
Delta Tmax (º C)	68	79
Imax (Amps)	30.5	30.5
Vmax (Volts)	15.6	17.8
Module Resistance (Ohms)	0.27	0.31



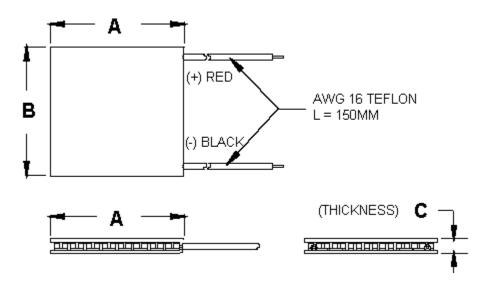
Performance curves on page 2

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Ceramic Material: Alumina (Al₂O₃) Solder Construction: 138°C, Bismuth Tin (BiSn)

Size table:

Α	В	С		
62	62	3.9		

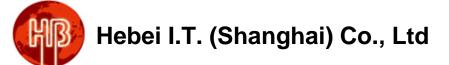
Operating Tips

- 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%.

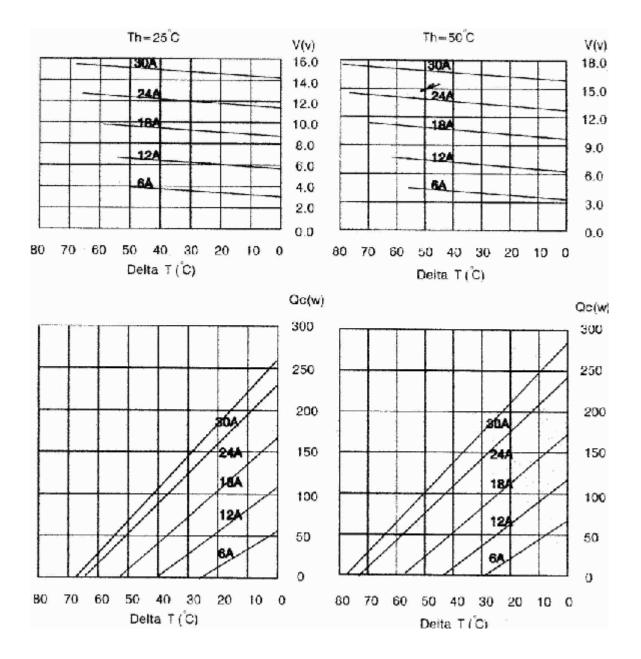
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Rev 2.03



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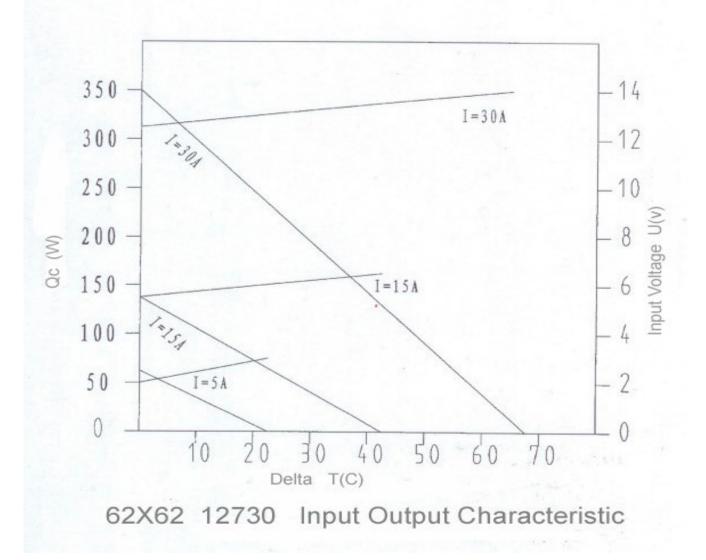
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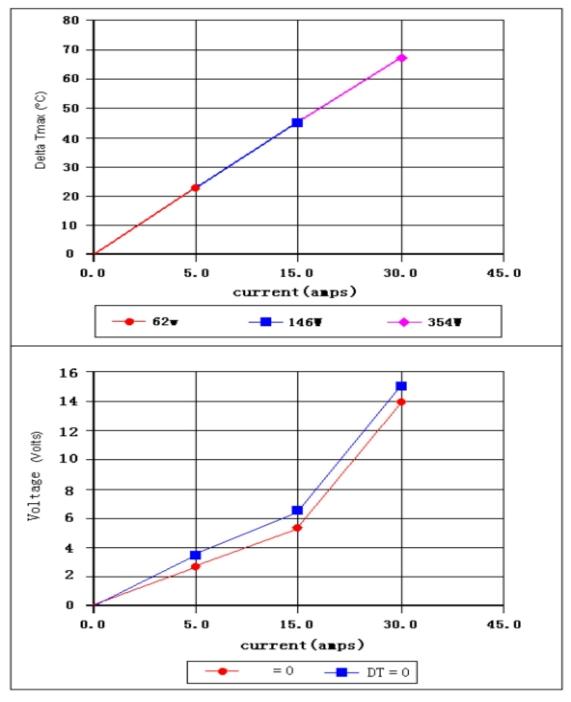
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Hot-side temperature of 25°C

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