

# stonecold

## PM-40X40-85

### Performance Specifications

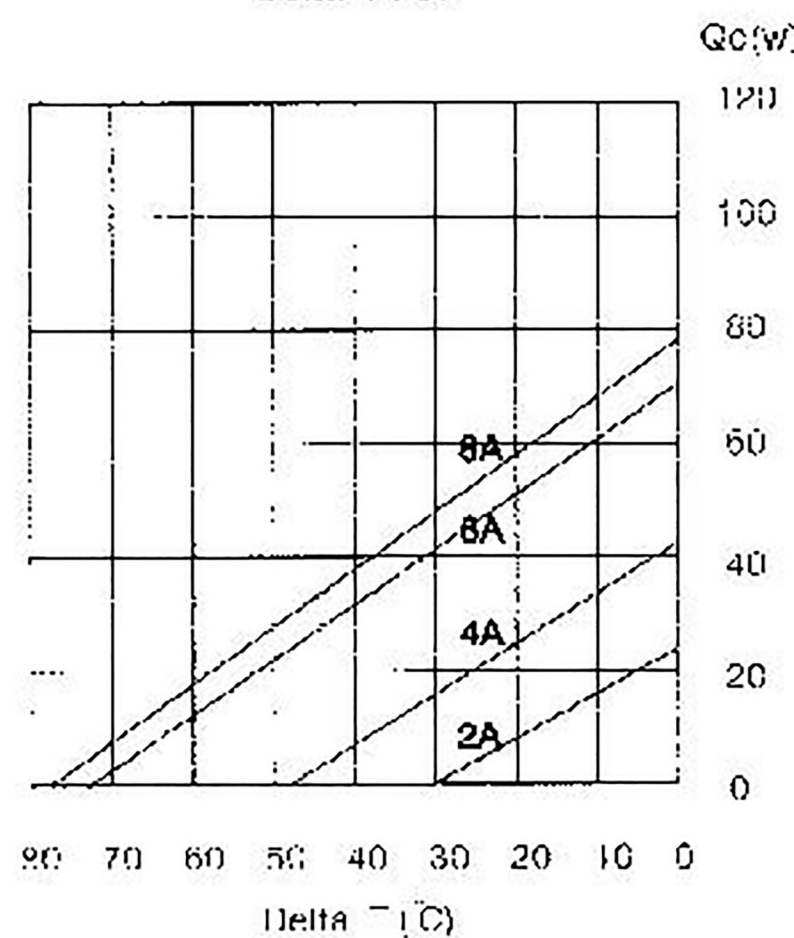
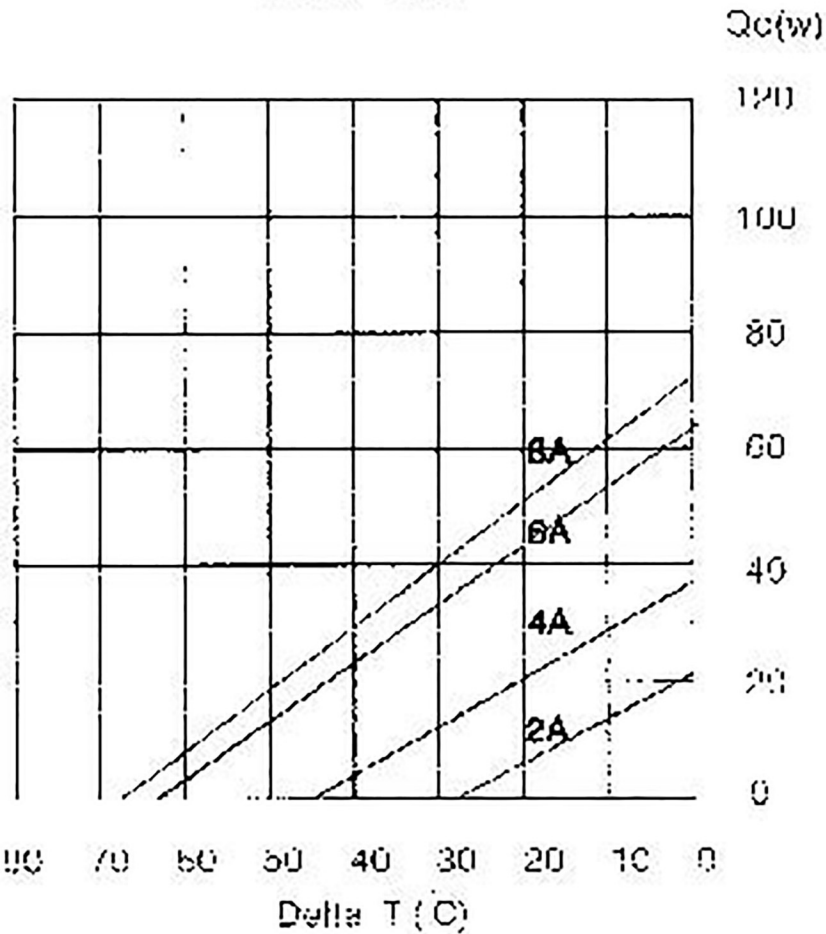
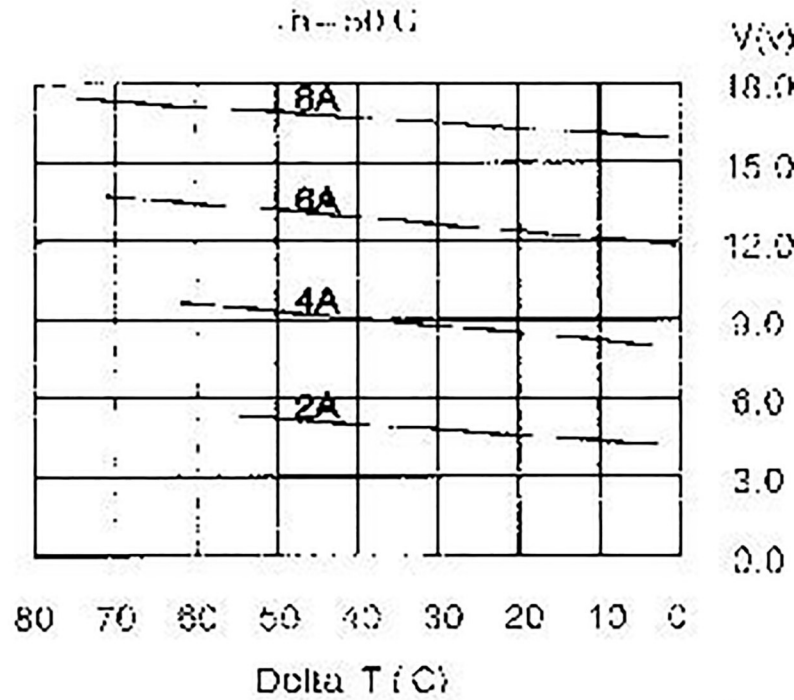
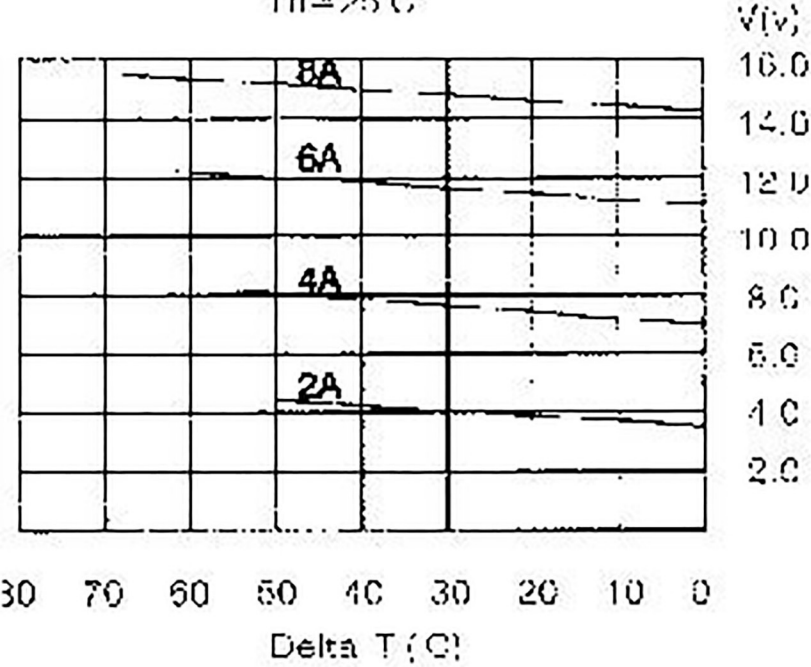
Hot Side Temperature (°C)	25°C	50°C
Qmax (Watts)	71	79
Delta Tmax (°C)	66	75
I <sub>max</sub> (Amps)	8.5	8.4
V <sub>max</sub> (Volts)	15.4	17.5
Module Resistance (Ohms)	1.50	1.80



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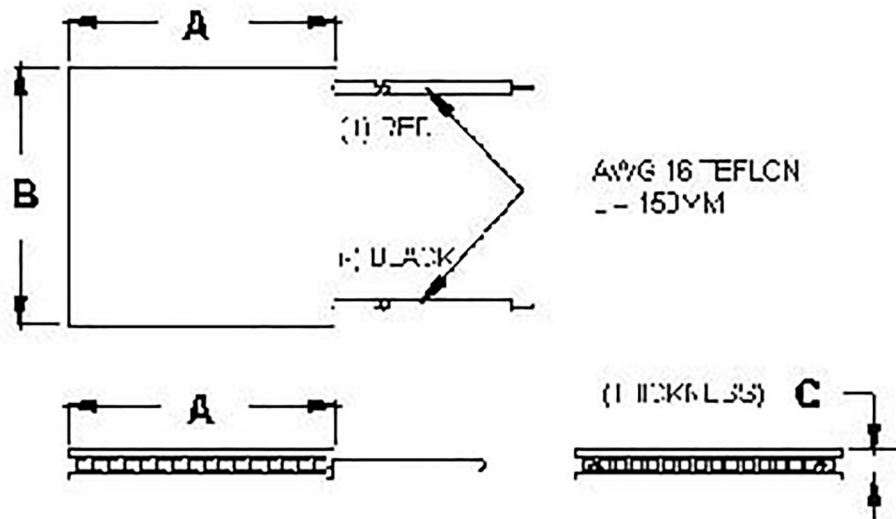
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$T_h = 25^\circ\text{C}$



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

### Size table:

A	B	C			
40	40	3.5			

### Operating Tips

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