



Performance Specifications

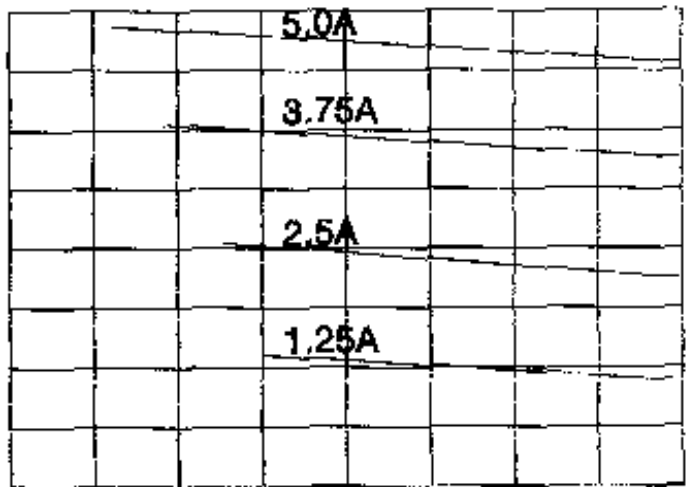
Hot Side Temperature (° C)	25° C	50° C
Qmax (Watts)	43	49
Delta Tmax (° C)	66	75
I _{max} (Amps)	5.3	5.3
V _{max} (Volts)	14.2	16.2
Module Resistance (Ohms)	2.40	2.75





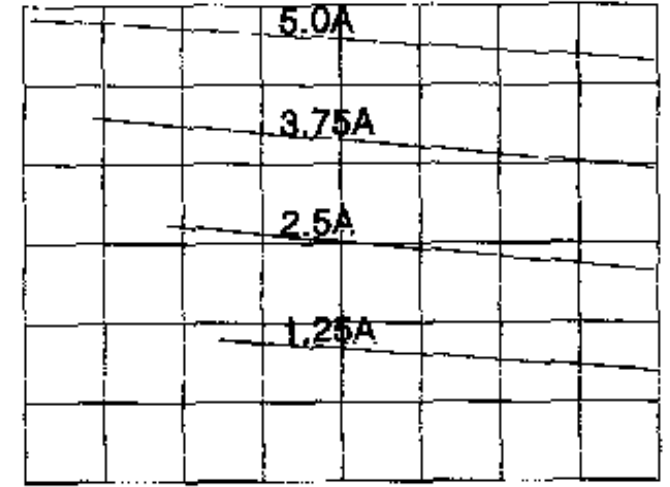
Performance curves:

Th = 25 C



V(v)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0

Th = 50 C



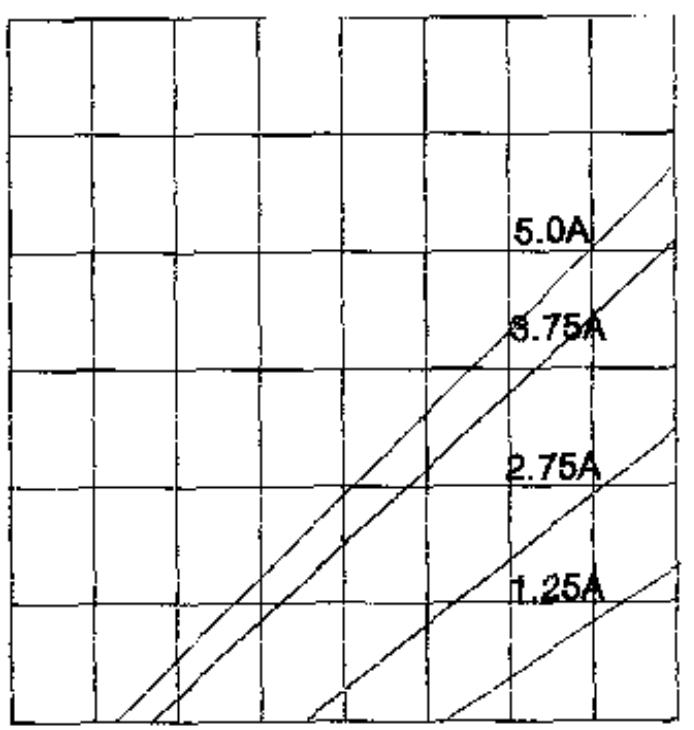
V(v)
18.0
15.0
12.0
9.0
6.0
3.0
0.0

Delta T (C)

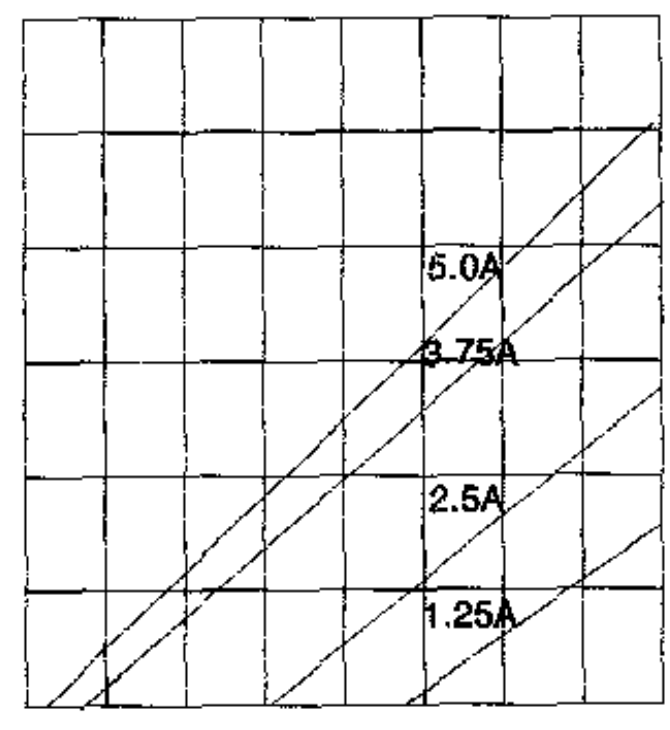
Delta T (C)

Qc(w)

Qc(w)



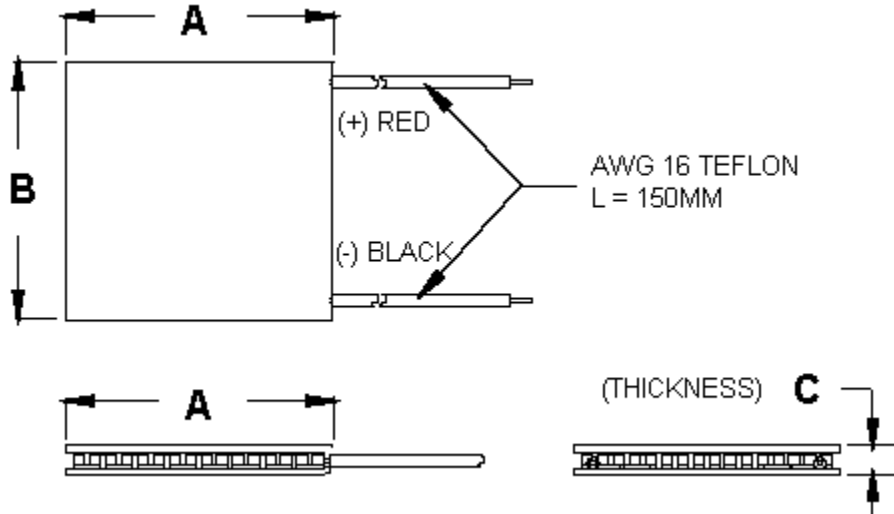
60
50
40
30
20
10
0



60
50
40
30
20
10
0

Delta T (C)

Delta T (C)



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

Size table:

A	B	C			
40	40	4.0			

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%.