

Performance Parameters: 性能参数

Type: TES-08*30*2.98mm

Product Image:

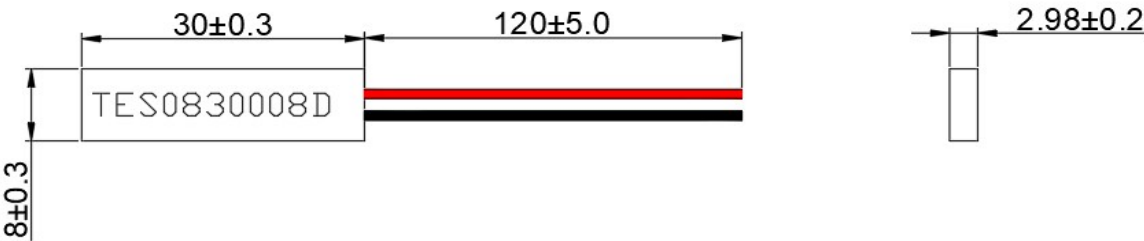


Figure reference

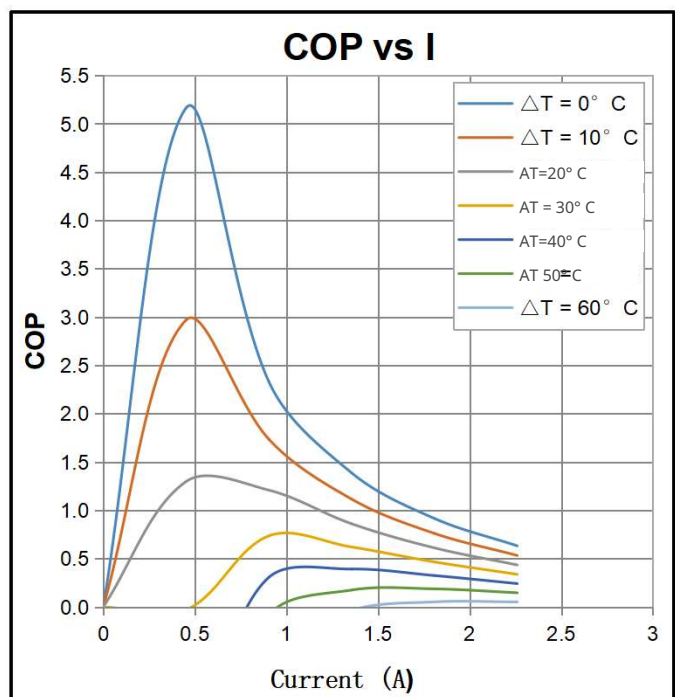
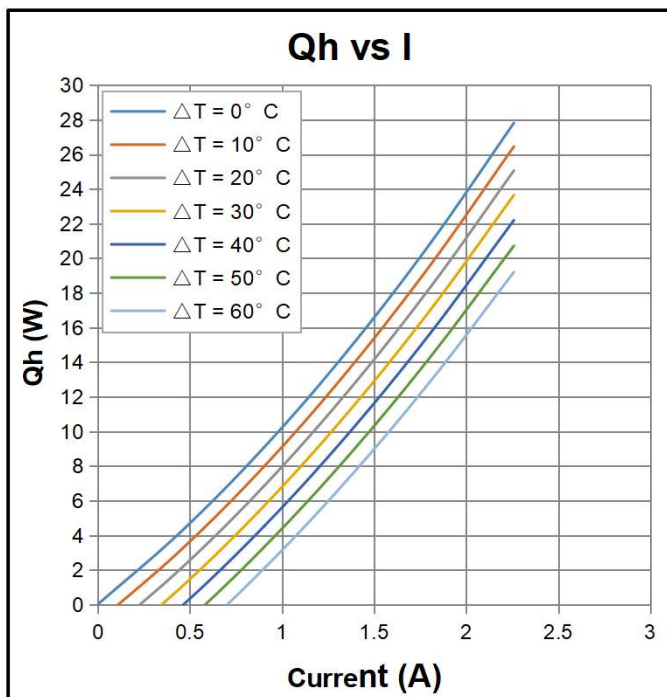
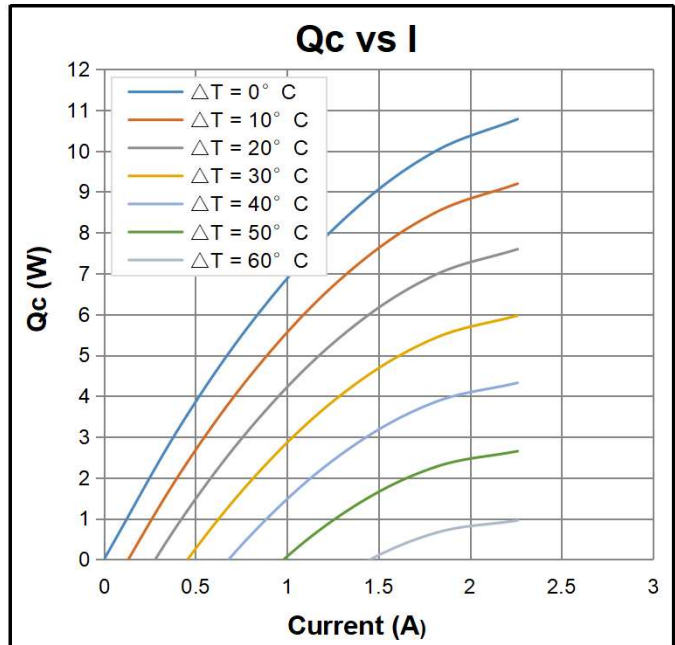
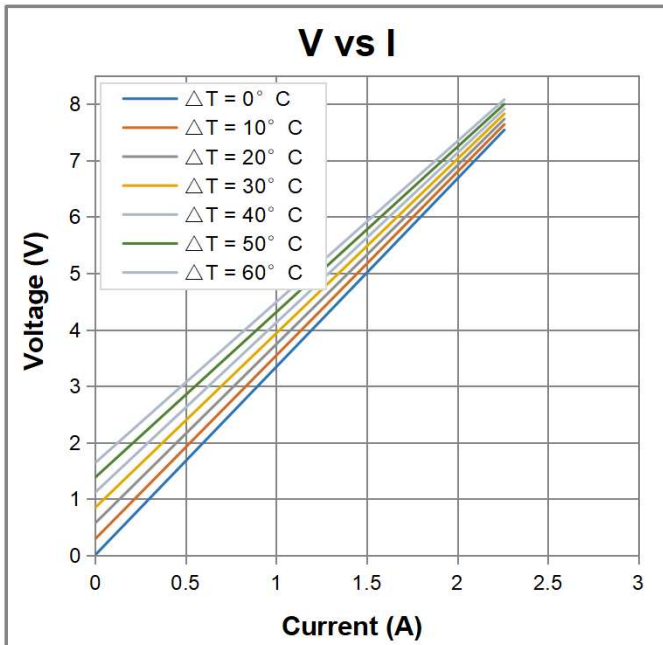
Maximum Ratings And Electrical Characteristics

Performance Parameters(Vacuum)			
Name	Th=25℃	Th=50℃	Note
Vmax (V)	8.15	9.15	
Imax (A)	2.26	2.25	
ΔTmax (℃)	≥60	71	
AC Resistance (ohms)	2.90 ~ 3.60	3.76	
Qmax (W)	10.78	11.72	

Structure components			
No.	Name	Specification	Remarks
1	Ceramic substrate	Aluminum oxide	
2	Lead wire	UL3302 #26	
3	Wiring length	L=120mm	Red positive, Black negative
4	External terminals	Reverse	
5	Cold-side marking	TES0830008D	
6	Product height	2.98±0.1mm	
7	tubes of 704 silicone	(white)	

Performance Curves 性能曲线：

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



Remarks:

I: Input current; V: Input voltage Qc: Quantity Cooling; Qh: Quantity

Heating

Th: Hot face temperature

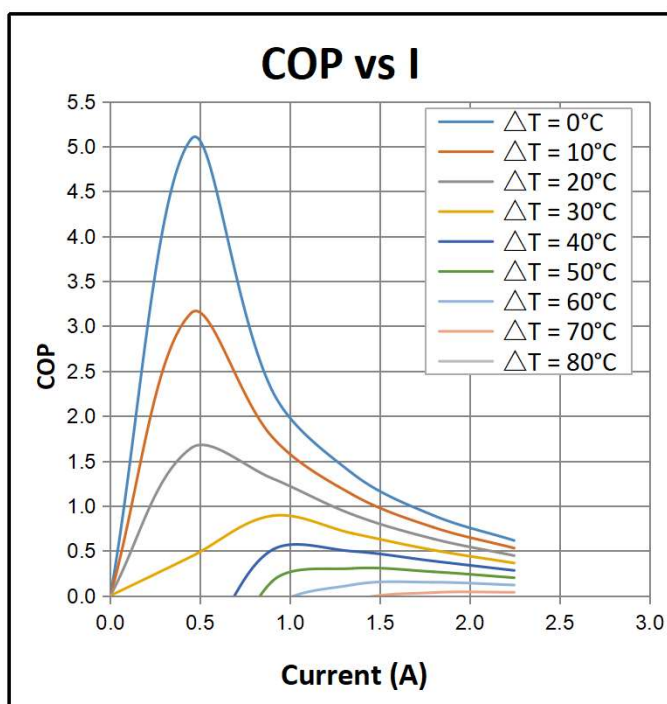
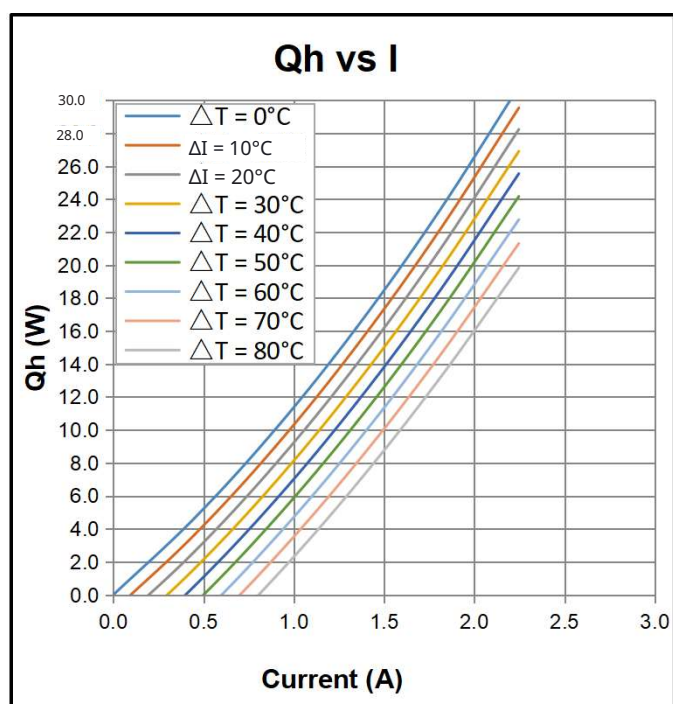
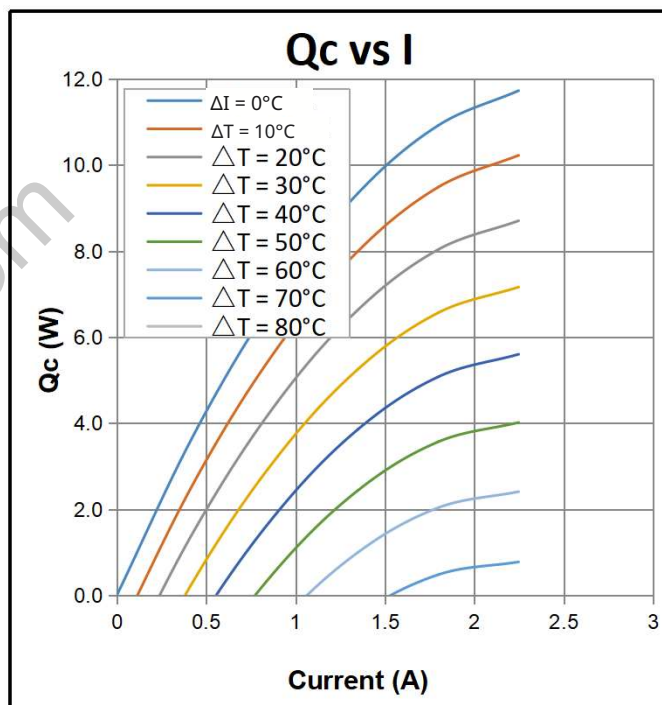
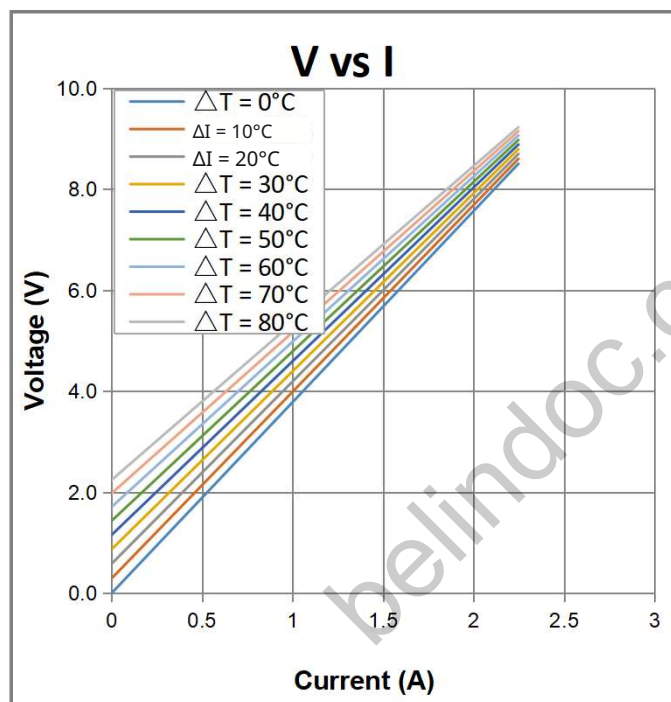
Dt: Temperature difference

COP: Coefficient of performance



Performance Curves 性能曲线:

Th=50°C



Remarks:

I: Input current

V: Input voltage

Qc: Quantity Cooling

Qh: Quantity Heating

Th: Hot face temperature

Dt: Temperature difference

COP: Coefficient of performance