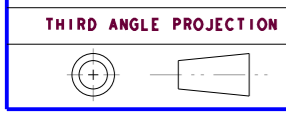


- Notes:
1. Printing always on cold side.
  2. Tolerance of thermo and electric parameters  $\pm 10\%$ .
  3. Please mount heat sink before you use it. also, please do not exceed the extra voltage at any time.
  4. Please contact with us if you need Melting Point  $183^{\circ}\text{C}$  (Operation Temperature  $150^{\circ}\text{C}$  Max.) and  $235^{\circ}\text{C}$  (Operation Temperature  $200^{\circ}\text{C}$  Max.) type.

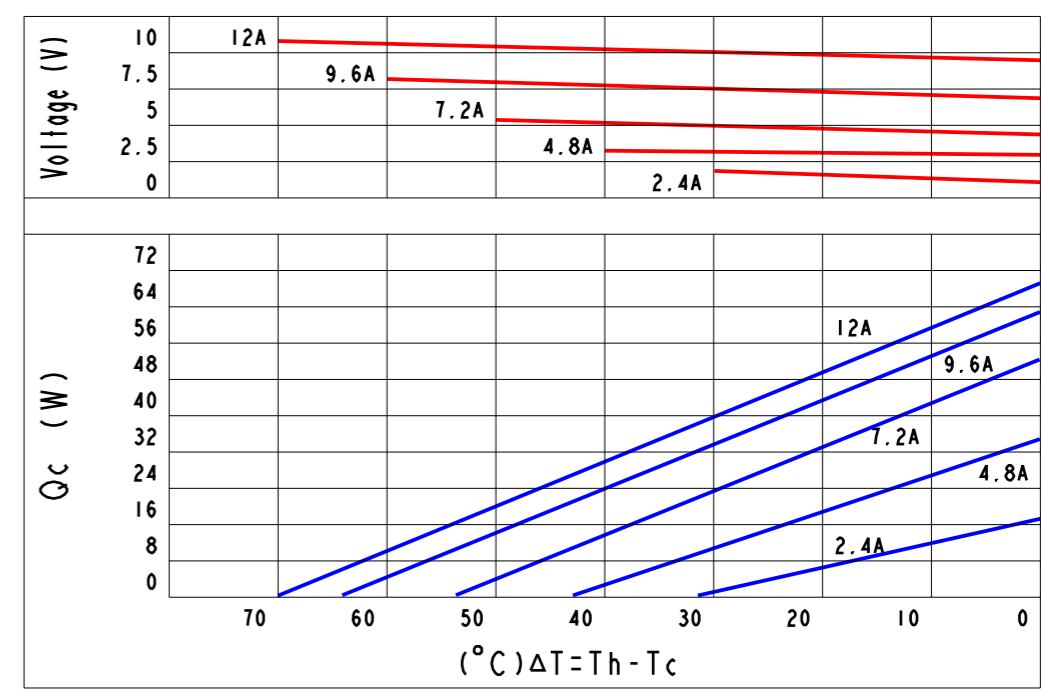
\*DO NOT SCALE DRAWING



THIS DRAWING AND THE DATA DISCLOSED HEREIN OR HEREWITH IS NOT TO BE REPR ODUCE  
USED OR DISCLOSED OR IN PART TO ANYONE WITHOUT THE PERMISSION OF KJLP (SHENZHEN) ELECTRONICS  
CO., LTD.

REVISIONS					
REV.	POS.	DESCRIPTION	DATE	DRW	APP
A		INITIAL CREATION	2013/01/01	Gary	Mason

Curve Chart(Be Confined To TEC1-080125020):



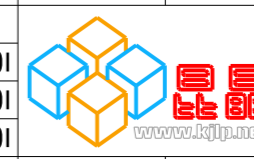
Part Number And Feature:

T	E	C	I	-	0	8	0	x	x	5	0	2	0	Sealing	YES
↓	↓				↓	↓	↓	↓	↓					Operation Temperature	$125^{\circ}\text{C}$ (Max.)
Thermo	Electric	Chip	Stage	N & P	Stack	Quantity	Current	A(Max.)	Dimension	(A)	Dimension	(B)		Melting Point	$138^{\circ}\text{C}$
														Storage Temperature	$-60^{\circ}\text{C}\sim 100^{\circ}\text{C}$
														RoHS	YES

Technical Data:

ITEM	Part NO.	Stack(P&N)	A(Max.)	V(Max.)	Qc(W) /Th=27°C/ ΔT(°C)	DIM(A)	DIM(B)	DIM(H)
1	TEC1-080015020	80	1 A	9.4 V	7.2W	70°C	50	20
2	TEC1-080035020	80	3 A	9.4 V	21W	70°C	50	20
3	TEC1-080045020	80	4 A	9.4 V	24W	70°C	50	20
4	TEC1-080055020	80	5 A	9.4 V	28W	70°C	50	20
5	TEC1-080065020	80	6 A	9.4 V	34W	70°C	50	20
6	TEC1-080075020	80	7 A	9.4 V	40W	70°C	50	20
7	TEC1-080085020	80	8 A	9.4 V	45W	70°C	50	20
8	TEC1-080105020	80	10 A	9.4 V	54W	70°C	50	20
9	TEC1-080125020	80	12 A	9.4 V	72W	70°C	50	20

1. UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE MM  
2 TOLERANCE ARE AS FOLLOWS:  
0 < X < 2 ± 0.06  
2 < X < 10 ± 0.08  
10 < X < 50 ± 0.12  
50 < X < 100 ± 0.16  
100 < X < 200 ± 0.20  
200 < X < 300 ± 0.30  
ANGLES ± 0.5°

PART NO.	TEC1-080xx5020	DESCRIPTION	DC 9.4V(Max.), 1~12A(Max.), 80 P&N, 50*20mm
SIGNATURE	DATE	 昆晶冷片(深圳)电子有限公司 KJLP (SHENZHEN) ELECTRONICS CO., LTD email: kjlp@kjlp.net http:// www.kjlp.net Tel: +86-755-82528352 Fax: +86-755-22639899	
DRAWN BY	Gary	2013/01/01	
CHECKED BY	Justin	2013/01/01	
ENGR	Vivi	2013/01/01	
APPROVED BY	Mason	2013/01/01	CAD MODLE: TEC1-080xx5020.prt
ISSUED BY	Jack	2013/01/01	CAD DWG: TEC1-080xx5020.drw
MATERIAL:			SCALE: 1:1 REV: A
			SIZE: A3 SHEET: 1 OF 1