

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.

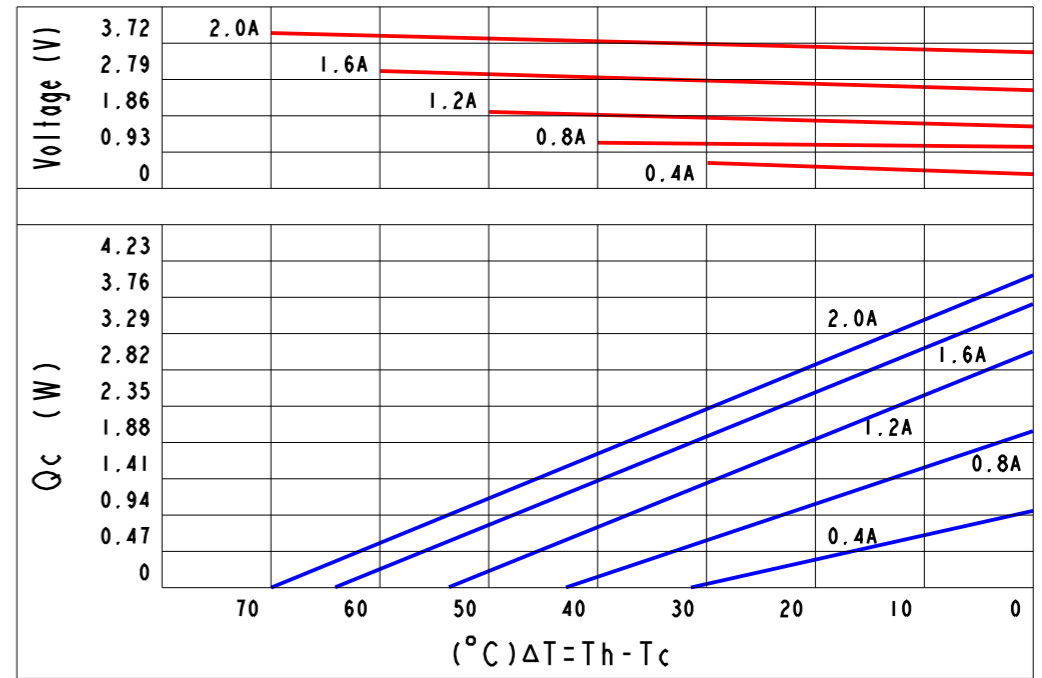
\*DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

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	2013/09/09	Gory	Mason

Curve Chart(Be Confined To TEC1-031208383):



Part Number And Feature:

T	E	S	I	-	0	3	1	x	x	8	3	8	3	Sealing	YES
↓	↓				↓	↓	↓	↓	↓	↓	↓	↓	↓	Operation Temperature	$125^{\circ}\text{C}$ (Max.)
Thermo	Electric	Chip (Small)	Stage	Stack	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 Nnumber	P&N Couple	A(Max.)	V(Max.)	Qc(W) /Th= $27^{\circ}\text{C}$ / $\Delta\text{T}(^{\circ}\text{C})$	DIM(A)	DIM(B)	DIM(H)
1	TESI-031088383	31	0.8 A	3.7 V	2.1W	$70^{\circ}\text{C}$	8.3	8.3 RF3.0
2	TESI-031128383	31	1.2 A	3.7 V	2.5W	$70^{\circ}\text{C}$	8.3	8.3 RF2.9
3	TESI-031158383	31	1.5 A	3.7 V	3.2W	$70^{\circ}\text{C}$	8.3	8.3 RF2.7
4	TESI-031208383	31	2.0 A	3.7 V	4.2W	$70^{\circ}\text{C}$	8.3	8.3 RF2.3

1. UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE MM  
2 TOLERANCE ARE AS FOLLOWS:  
0 < X < 2  $\pm 0.06$   
2 < X < 10  $\pm 0.08$   
10 < X < 50  $\pm 0.12$   
50 < X < 100  $\pm 0.16$   
100 < X < 200  $\pm 0.20$   
200 < X < 300  $\pm 0.30$   
ANGLES  $\pm 0.5^{\circ}$

PART No.	TESI-031xx8383	DESCRIPTION	DC 3.7V(Max.), 0.8-2.0A(Max.), 31 P&N, 8.3*8.3mm		
SIGNATURE		DATE	昆晶冷片(深圳)电子有限公司		
DRAWN BY	Gory	2013/09/09	KJLP (SHENZHEN) ELECTRONICS CO., LTD		
CHECKED BY	Justin	2013/09/09	email: kjlp@kjlp.net http:// www.kjlp.net		
ENGR	Vivi	2013/09/09	Tel: +86-755-82528352 Fax: +86-755-22639899		
APPROVED BY	Mason	2013/09/09	CAD MODLE:	TESI-031xx8383.prt	SCALE: 1:1 REV: A
ISSUED BY	Jack	2013/09/09	CAD DWG:	TESI-031xx8383.drw	SIZE: A3 SHEET: 1 OF 1