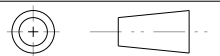


- Notes:
1. Printing always on cold side.
 2. Torlerance of thermo and electric parameters $\pm 10\%$.
 3. Please mount heat sink before you use it, also, please do not exceed the extra voltage at any time.
 4. Please contact with us if you need Melting Point 183°C (Operation Temperature 150°C Max.)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

*DO NOT SCALE DRAWING

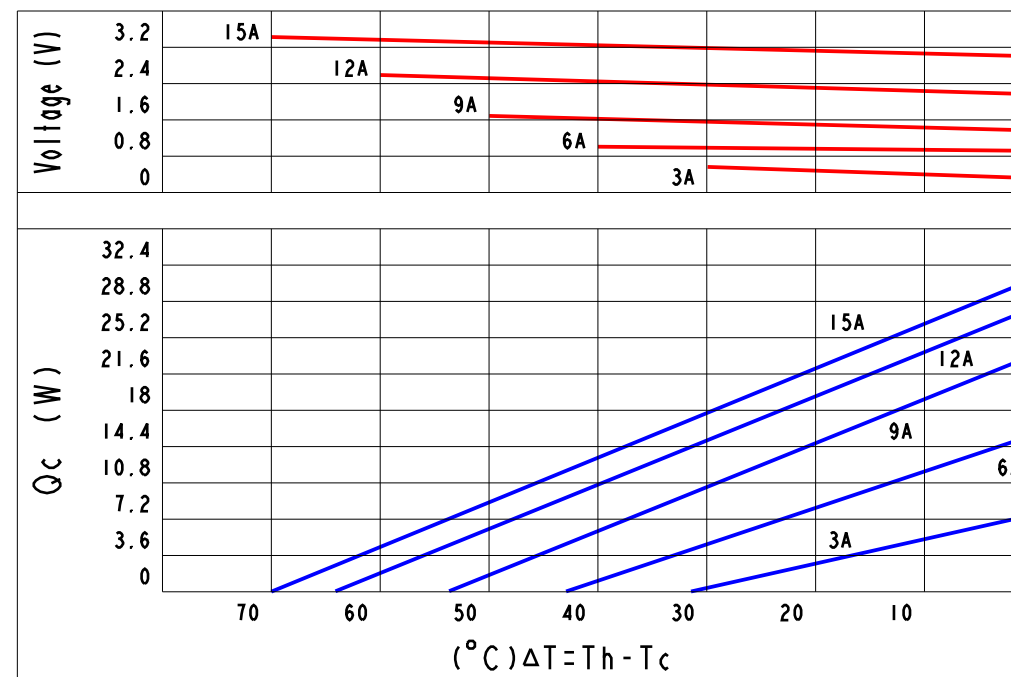
THIRD ANGLE PROJECTION



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 TECE-023151520):




Part Number And Feature:

T	E	C	I	-	0	2	3	x	x	1	5	2	0	Sealing	YES
↓	↓				↓	↓	↓	↓	↓	↓	↓	↓	↓	Operation Temperature	125°C (Max.)
Thermo	Electric	Chip	Stage	N & P	Stack	Quantity	Current	A(Max.)	Dimension	(A)	Dimension	(B)	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	TECE-023021520	23	2 A	2.9 V	5W	15	20	RF3.6
2	TECE-023031520	23	3 A	2.9 V	7W	15	20	RF3.5
3	TECE-023041520	23	4 A	2.9 V	9W	15	20	RF3.4
4	TECE-023051520	23	5 A	2.9 V	12W	15	20	RF3.2
5	TECE-023061520	23	6 A	2.9 V	14W	15	20	RF3.1
6	TECE-023071520	23	7 A	2.9 V	16W	15	20	RF3.0
7	TECE-023081520	23	8 A	2.9 V	18W	15	20	RF2.9
8	TECE-023101520	23	10 A	2.9 V	22W	15	20	RF2.8
9	TECE-023121520	23	12 A	2.9 V	26W	15	20	RF2.6
10	TECE-023151520	23	15 A	2.9 V	32W	15	20	RF2.5

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.	TECE-023xx1520	DESCRIPTION	DC 2.9V(Max.), 2~15A(Max.), 23 P&N, 15*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	Gory					2013/09/09
CHECKED BY	Justin					2013/09/09
ENGR	Vivi					2013/09/09
APPROVED BY	Mason					2013/09/09
ISSUED BY	Jack	2013/09/09	CAD MODLE:	TECE-023xx1520.prt	SCALE: 1:1	REV: A
MATERIAL:		CAD DWG:	TECE-023xx1520.drw	SIZE: A3	SHEET: 1 OF 1	