

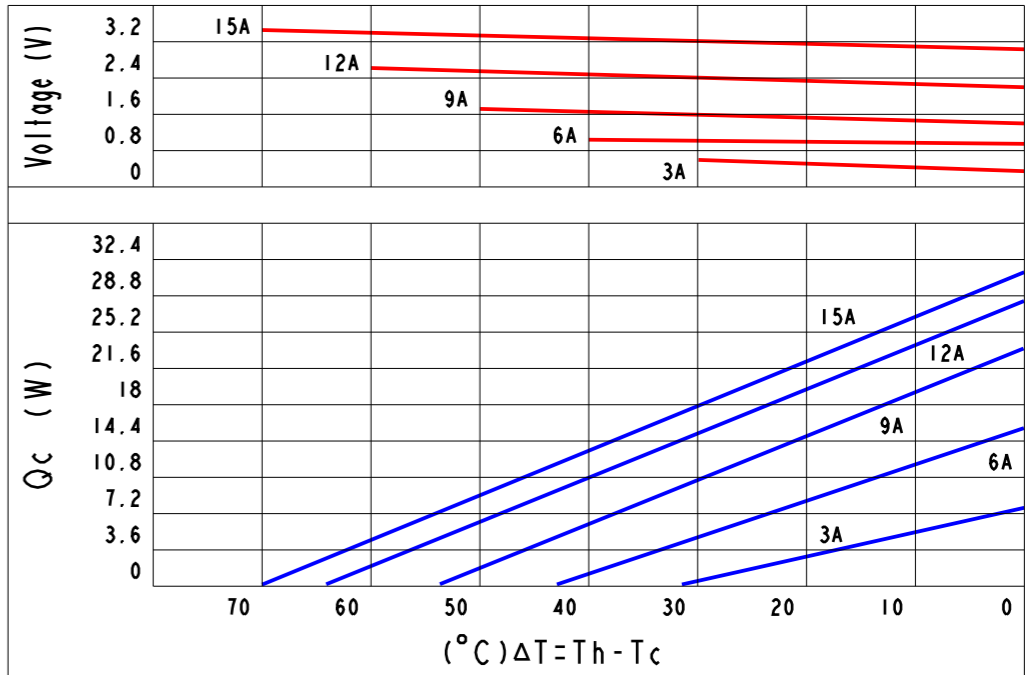
- Notes:
1. Printing always on cold side.
 2. Tolerance of thermo and electric parameters $\pm 10\%$.
 3. Please mount heat sink before you use it, also, please do not exceed the extra voltage at any time.
 4. Please contact with us if you need Melting Point 183°C (Operation Temperature 150°C Max.) and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

*DO NOT SCALE DRAWING

THIS DRAWING AND THE DATA DISCLOSED HEREIN OR HEREWITH IS NOT TO BE REPR ODUCE
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CO., LTD.

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

Curve Chart(Be Confined To TEC1-023151520):




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	Stack	N & P	Stack	Quantity	Current	A(Max.)	Dimension	(A)	Dimension	(B)	Melting Point	138°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	TEC1-023021520	23	2 A	2.9 V	5W	15	20	RF3.6
2	TEC1-023031520	23	3 A	2.9 V	7W	15	20	RF3.5
3	TEC1-023041520	23	4 A	2.9 V	9W	15	20	RF3.4
4	TEC1-023051520	23	5 A	2.9 V	12W	15	20	RF3.2
5	TEC1-023061520	23	6 A	2.9 V	14W	15	20	RF3.1
6	TEC1-023071520	23	7 A	2.9 V	16W	15	20	RF3.0
7	TEC1-023081520	23	8 A	2.9 V	18W	15	20	RF2.9
8	TEC1-023101520	23	10 A	2.9 V	22W	15	20	RF2.8
9	TEC1-023121520	23	12 A	2.9 V	26W	15	20	RF2.6
10	TEC1-023151520	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.	TEC1-023xx1520	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	Gary 2013/01/01						
CHECKED BY	Justin 2013/01/01						
ENGR	Vivi 2013/01/01						
APPROVED BY	Mason 2013/01/01						
ISSUED BY	Jack 2013/01/01	CAD MODLE:	TEC1-023xx1520.prt	SCALE:	1:1	REV:	A
MATERIAL:		CAD DWG:	TEC1-023xx1520.drw	SIZE:	A3	SHEET:	1 OF 1