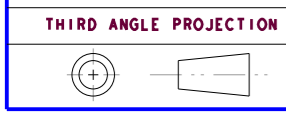


- Notes:
1. Printing always on cold side.
  2. Tolerance of thermo and electric parameters  $\pm 10\%$ .
  3. Please mount heat sink before you use it. also, please do not exceed the extra voltage at any time.
  4. Please contact with us if you need Melting Point  $183^{\circ}\text{C}$  (Operation Temperature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

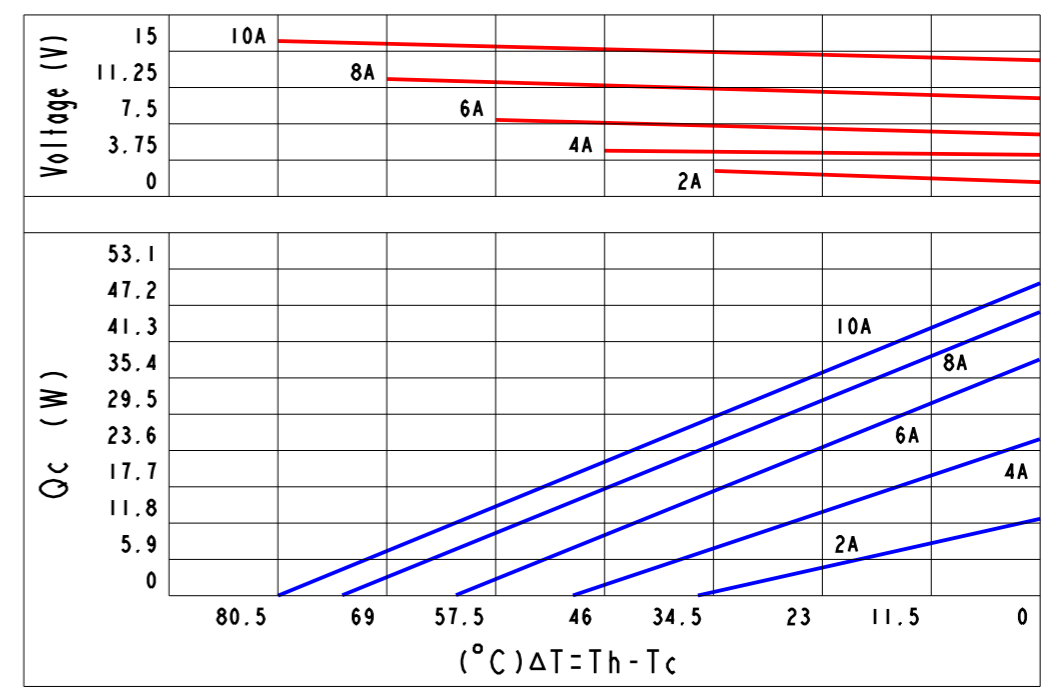
\*DO NOT SCALE DRAWING



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	ECR#
A		INITIAL CREATION	2013/09/09	Gory	Mason	

Curve Chart(Be Confined To TEC2-191104040):



Part Number And Feature:

T	E	C	2	-	1	9	1	x	x	4	0	4	0	Sealing	YES
↓	↓				↓	↓	↓	↓	↓	↓	↓	↓	↓	Operation Temperature	$125^{\circ}\text{C}$ (Max.)
Thermo	Electric	Chip	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 NO.	Stack(P&N)	A(Max.)	V(Max.)	Qc(W) /Th=27°C/ ΔT(°C)	DIM(A)	DIM(B)	DIM(H)	
1	TEC2-191024040	191	2 A	15 V	14W	$80^{\circ}\text{C}$	40	40	RF7.0
2	TEC2-191034040	191	3 A	15 V	17W	$80^{\circ}\text{C}$	40	40	RF7.2
3	TEC2-191044040	191	4 A	15 V	24W	$80^{\circ}\text{C}$	40	40	RF7.0
4	TEC2-191064040	191	6 A	15 V	36W	$80^{\circ}\text{C}$	40	40	RF6.4
5	TEC2-191084040	191	8 A	15 V	45W	$80^{\circ}\text{C}$	40	40	RF6.0
6	TEC2-191104040	191	10 A	15 V	53W	$80^{\circ}\text{C}$	40	40	RF5.7

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.	TEC2-191xx4040	DESCRIPTION	DC 15V(Max.),2~10A(Max.),191 P&N,40*40mm			
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:	TEC2-191xx4040.prt	SCALE: 1:1	REV: A
MATERIAL:		CAD DWG:	TEC2-191xx4040.drw	SIZE: A3	SHEET: 1 OF 1	