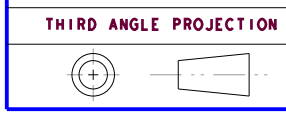


- Notes:
1. Printing always on cold side.
 2. Torlerance of thermo and electric parameters ±10%.
 3. Please mount heat sink before you use it. also, please do not exceed the extra voltage at any time.
 4. Please contact with us if you need Melting Point 183°C (Operation Temperature 150°C Max.).

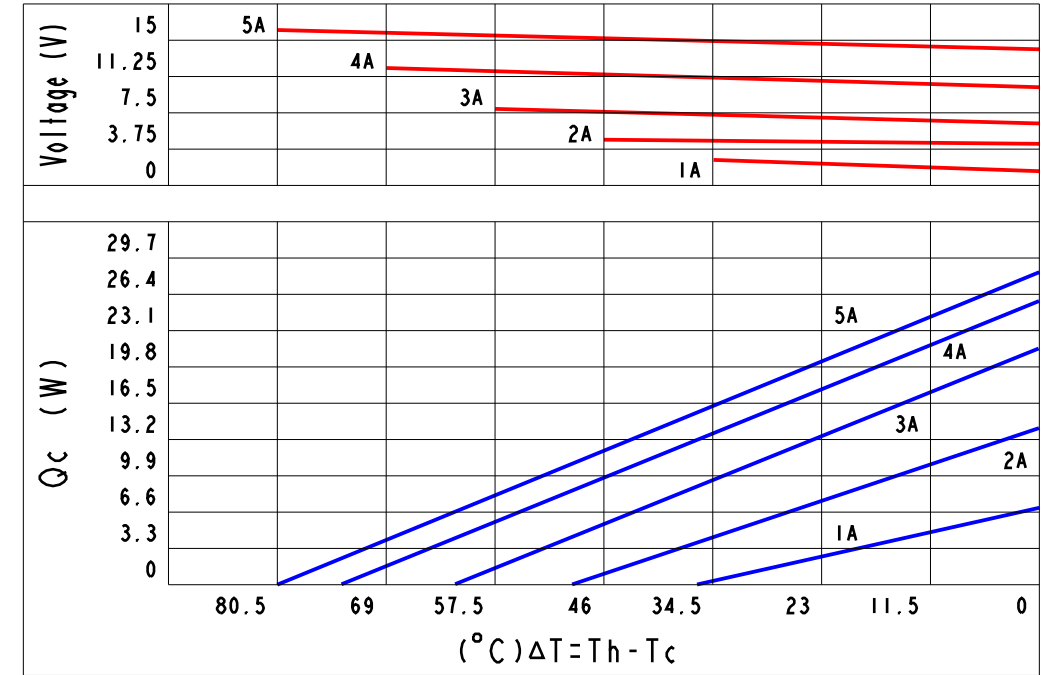
*DO NOT SCALE DRAWING



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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 TEC2-191053030):



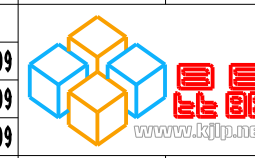
Part Number And Feature:

T	E	C	2	-	1	9	1	x	x	3	0	3	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°C~100°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	TEC2-191023030	191	2 A	15 V	13W	80°C	30	30	RF6.8
2	TEC2-191033030	191	3 A	15 V	15W	80°C	30	30	RF6.6
3	TEC2-191053030	191	5 A	15 V	29W	80°C	30	30	RF5.9

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. TEC2-191xx3030		DESCRIPTION DC 15V(Max.),2~5A(Max.),191 P&N,30*30mm	
SIGNATURE		DATE	
DRAWN BY Gary	2013/09/09	 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	
CHECKED BY Justin	2013/09/09		
ENGR Vivi	2013/09/09		
APPROVED BY Mason	2013/09/09		
MATERIAL:	ISSUED BY Jack	2013/09/09	CAD MODLE: TEC2-191xx3030.prt CAD DWG: TEC2-191xx3030.drw SCALE: 1:1 REV: A SIZE: A3 SHEET: 1 OF 1