

0,01

0,01

A

(H)±0.1
The H is for reference only. Please be subject to the actual products.

0,05 A

Sealing

50(A)

50(B)

TEC1-199xx5050
www.kjlp.net

Cold Side

(-) Black
Red (+)

(46)

5± Tinned

150~250

SCALE 0,500

SCALE 0,500

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.) and 235°C (Operation Temperature 200°C Max.) type.

*DO NOT SCALE DRAWING

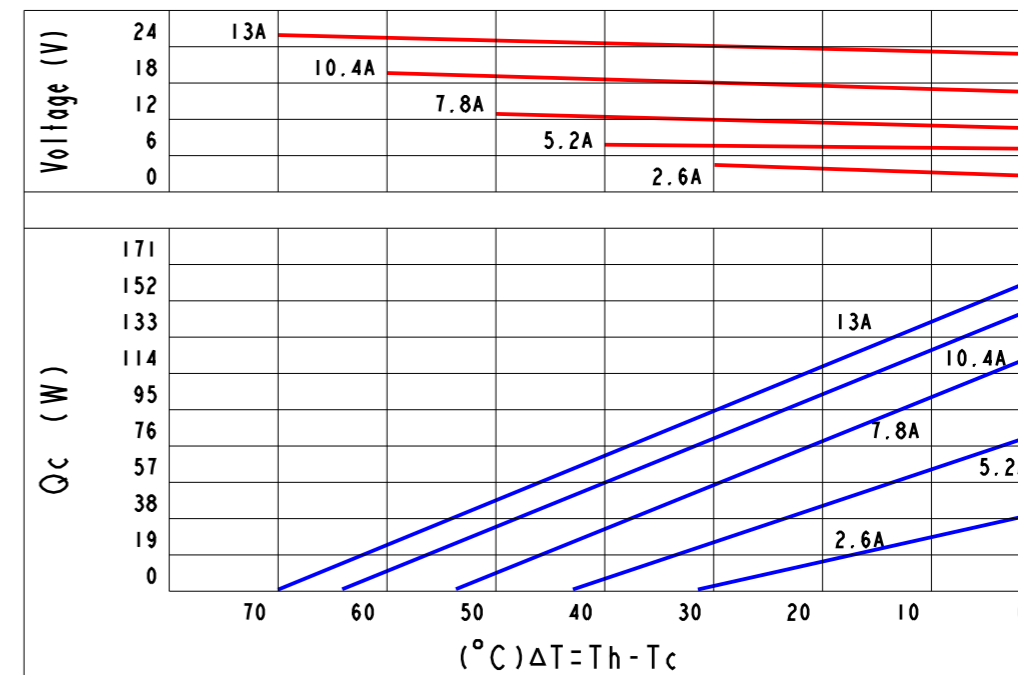
THIRD ANGLE PROJECTION

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CO., LTD.

REVISIONS

REV.	POS.	DESCRIPTION	DATE	DRW	APP	ECR#
A		INITIAL CREATION	2013/01/01	Gory	Mason	

Curve Chart(Be Confined To TEC1-199135050):




Part Number And Feature:

T	E	C	I	-	1	9	9	x	x	5	0	5	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	TEC1-199035050	199	3 A	23.5 V	51W 70°C	50	50	RF4.5
2	TEC1-199065050	199	6 A	23.5 V	88W 70°C	50	50	RF4.1
3	TEC1-199085050	199	8 A	23.5 V	113W 70°C	50	50	RF4.0
4	TEC1-199115050	199	11 A	23.5 V	158W 70°C	50	50	RF3.9
5	TEC1-199135050	199	13 A	23.5 V	171W 70°C	50	50	RF3.5

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.	TEC1-199xx5050	DESCRIPTION	DC 23.5V(Max.), 3~13A(Max.), 199 P&N, 50*50mm						
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	2013/01/01							
CHECKED BY	Justin	2013/01/01							
ENGR	Vivi	2013/01/01							
APPROVED BY	Mason	2013/01/01							
MATERIAL:	ISSUED BY	Jack	2013/01/01	CAD MODLE:	TEC1-199xx5050.prt	SCALE:	1:1	REV:	A
				CAD DWG:	TEC1-199xx5050.drw	SIZE:	A3	SHEET:	1 OF 1