

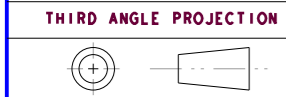
SCALE 0,500

SCALE 0,500

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	TEC1-199014040	199	1 A	23.5 V	18.3W	70°C	40	40	RF5.7
2	TEC1-199024040	199	2 A	23.5 V	26W	70°C	40	40	RF5.6
3	TEC1-199034040	199	3 A	23.5 V	52W	70°C	40	40	RF4.7
4	TEC1-199044040	199	4 A	23.5 V	55W	70°C	40	40	RF4.3
5	TEC1-199054040	199	5 A	23.5 V	68W	70°C	40	40	RF4.2
6	TEC1-199064040	199	6 A	23.5 V	81W	70°C	40	40	RF4.0
7	TEC1-199084040	199	8 A	23.5 V	108W	70°C	40	40	RF3.8
7	TEC1-199104040	199	10 A	23.5 V	135W	70°C	40	40	RF3.5
8	TEC1-199124040	199	12 A	23.5 V	173W	70°C	40	40	RF3.4
9	TEC1-199134040	199	13 A	23.5 V	187W	70°C	40	40	RF3.2

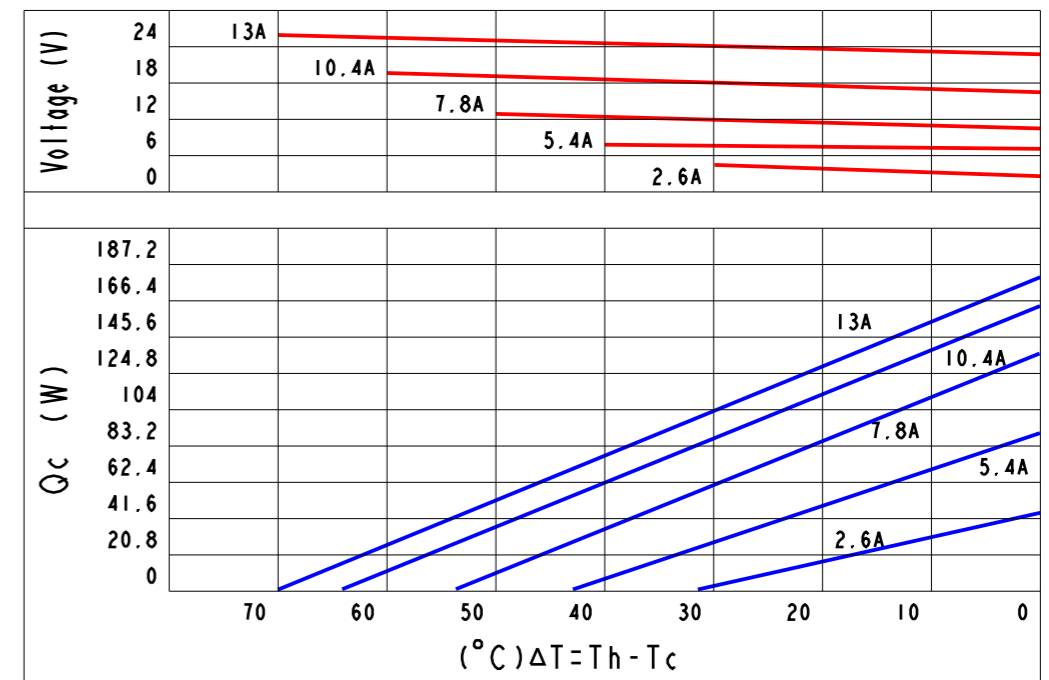
\*DO NOT SCALE DRAWING



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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 TEC1-199134040):




Part Number And Feature:

T	E	C	I	-	1	9	9	x	x	4	0	4	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

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.

<p>1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE MM 2 TOLERANCE ARE AS FOLLOWS: 0 &lt; X &lt; 2 ± 0.06 2 &lt; X &lt; 10 ± 0.08 10 &lt; X &lt; 50 ± 0.12 50 &lt; X &lt; 100 ± 0.16 100 &lt; X &lt; 200 ± 0.20 200 &lt; X &lt; 300 ± 0.30 ANGLES ± 0.5°</p>	PART NO.	TEC1-199xx4040	DESCRIPTION	DC 23.5V(Max.), 1~13A(Max.), 199 P&N, 40*40mm			
	SIGNATURE		DATE	 <p>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</p>			
	DRAWN BY	Gory	2013/01/01				
	CHECKED BY	Justin	2013/01/01				
ENGR	Vivi	2013/01/01					
APPROVED BY	Mason	2013/01/01	CAD MODLE:	TEC1-199xx4040.prt	SCALE: 1:1	REV: A	
MATERIAL:	ISSUED BY	Jack	2013/01/01	CAD DWG:	TEC1-199xx4040.drw	SIZE: A3	SHEET: 1 OF 1