



APPROVAL SHEET

Customer Name .: _____

Model Name.: HEATSINK

Delta Part No.: DHS-B9090-44

Customer Part No.: _____

Spec Issue Date .: 2011/10/19

Spec Revision : 00

PLEASE SEND ONE COPY OF THIS SPECIFICATION BACK AFTER YOU
SIGNED APPROVAL FOR PRODUCTION PRE-ARRANGMENT.

Approved By: _____

Date: _____

Approval	Check	Designer
<i>Charles. Chen</i>	<i>Charles. Chen</i>	<i>Sheila. Hu</i>



Delta Electronics Corp.

REV.	Description	Drawn	Checked	Approved	Issue Date
00	ISSUE SPEC	Sheila.Hu 10/19'11	Charles.Chen 10/19'11	Charles.Chen 10/19'11	
Description: SAMPLE REVISION CODE LIST					
Part No.					REV
DELTA MODEL : DHS-B9090-44			TOTAL <u>10</u> PAGE		00



Delta Electronics Corp.

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3	Packing Plan	8	



Delta Electronics Corp.

1. SPECIFICATION

1.1. Characters

Item	Description
Scope	THIS SPECIFICATION DEFINES MECHANICAL CHARACTERISTICS OF THE HEATSINK
Application	INTEL LGA1366 CPU HEATSINK
Specification	
a: Thermal Resistance	0.268 (°C/W) (REF.)
b: total weight	375 g (REF.)
c: clip force	35 lbf (REF.)

1.2. BOM

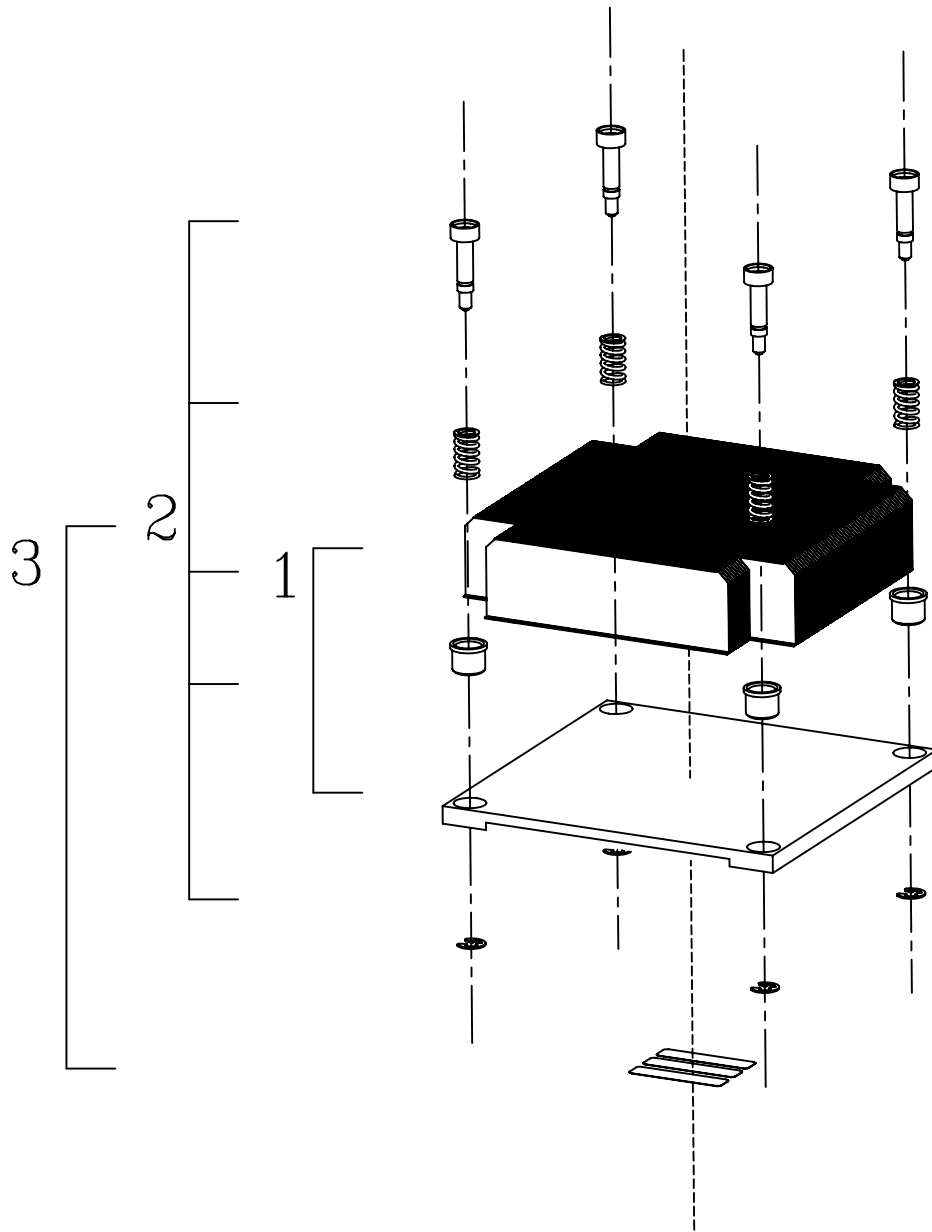
Item	Part Name	Material	Part NO.	Q'TY	Remark
1	FIN	AL1050	3346397700	1 PCE	
2	CU BASE	CU1100	3346841600	1 PCE	
3	CAP	SUS 303	3462384700	4 PCE	
4	SCREW	SUS 410	3105464700	4 PCE	
5	SPRING	MUSIC WIRE	3461809700	4 PCE	
6	E CLIP	S20C or S50C	3110262800	4 PCE	
7	GREASE	TC-1996	4021101500	0.308GRM	
8	AIR BUBBLE	PE	3522008500	0.125 PCE	
9	CARTON	PAPER	3513685100	0.042PCE	
10	PAD PAPER	PAPER	3516257800	0.167PCE	
11	TRAY	PET	3503113700	0.125 PCE	



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2. PRINT

2.1. Assembly Drawing



SCREW (4X)
3105464700

SPRING(4X)
3461809700

FIN ASSY
3346397700

CAP(4X)
3462384700

CU BASE
3346841600

E CLIP(4X)
3110262800

TC-1996
4021101500



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DELTA ELECTRONICS, INC.

DELTA MODEL:
DHS-B9090-44

Drawn:
Sheila

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CUSTOMER NAME: STD

CUSTOMER P/N: ---

DIMENSIONAL TOLERANCES		HOLES: ±0.05 ANGLES: ±0.5°							
()	()	()	()	()	()				
<30	±0.25	DECIMALS	UP-100	±0.2	250-300	±0.4	UP-600	±1.5	
>30-100	±0.35	X	±0.3	100-150	±0.25	300-350	±0.45	600-900	±2.4
>100-300	±0.5	XX	±0.2	150-200	±0.3	350-400	±0.5	900-OVER	±3.1
ABOVE 300	±0.6	X.XX	±0.1	200-250	±0.35				



Description: PRODUCTION SPEC.
(ASSEMBLY ORDER)

A4
SIZE

Part No. DHS-B9090-44-AS

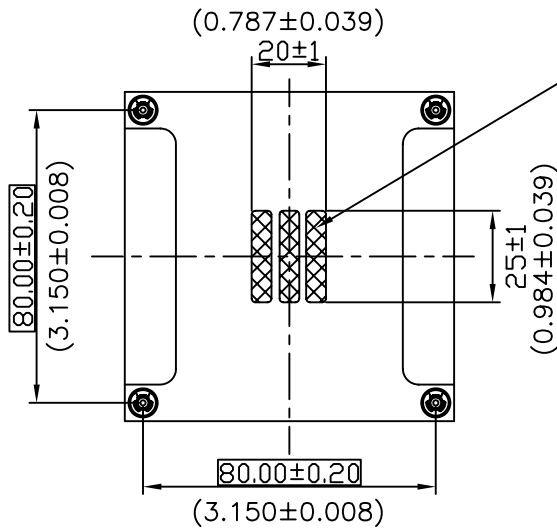
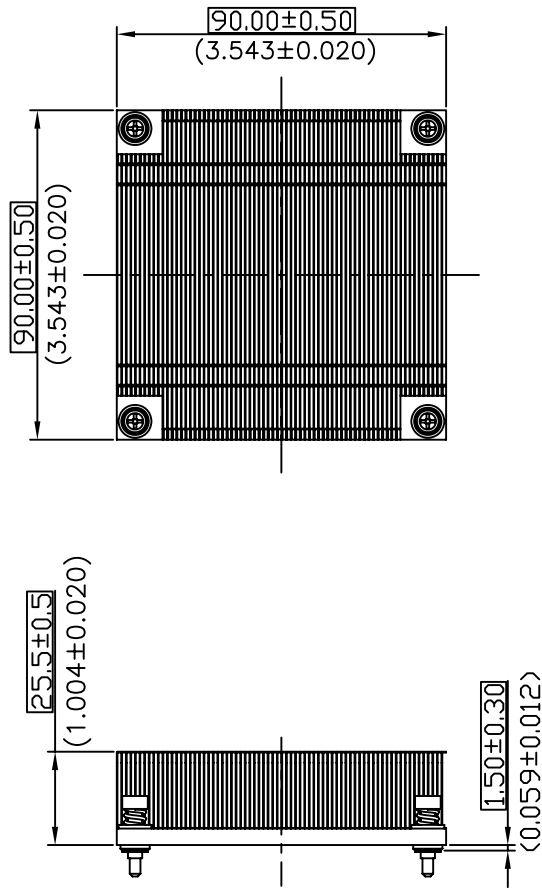
REV.

00

SCALE --- UNIT --- USED ON COOLER

SHEET 1 OF 1 ISSUE DATE:

DRAWING:



Dow Corning TC-1996 P/N:4021101500
 *STENCIL THICKNESS=0.20(TYP.) 0.22(MAX.)
 TIM WEIGHT ON HSK MUST BE 250mg±30mg

UNIT: $\frac{\text{mm}}{\text{INCH}}$



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DELTA MODEL: DHS-B9090-44	Drawn: Sheila
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CUSTOMER NAME:	STD
CUSTOMER P/N:	---

DIMENSIONAL TOLERANCES		HOLES: ±0.05		ANGLES: ±0.5°					
()	()	()	()	()	()				
<30	±0.25	DECIMALS	UP-100	±0.2	250-300	±0.4	UP-600	±1.5	
>30-100	±0.35	X	±0.3	100-150	±0.25	300-350	±0.45	600-900	±2.4
>100-300	±0.5	X.X	±0.2	150-200	±0.3	350-400	±0.5	900-OVER	±3.1
ABOVE 300	±0.6	X.XX	±0.1	200-250	±0.35				

THIRD ANGLE PROJECTION	Description: PRODUCTION SPEC. (PHYSICAL DIMENSION)
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SCALE	---	UNIT	---	USED ON	COOLER
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A4 SIZE	Part No. DHS-B9090-44-PD	REV. 00
	SHEET 1 OF 1	ISSUE DATE:



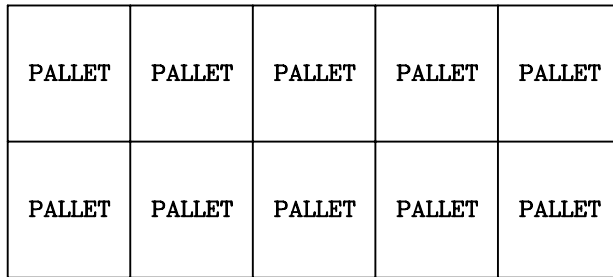
3. PACKING PLAN

Packing Specification

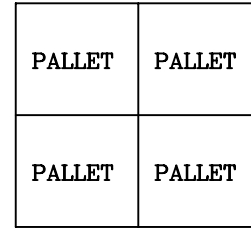
PART NO.	DHS-B9090-44		
BASIC DATA	QUANTITY/CARTON	24PCS (3 LAYERS/CARTON, 8PCS/LAYER)	
	PRODUCTION NET WEIGHT	9.0kg (REF.)	
	PRODUCTION GROSS WEIGHT	10.6kg (REF.)	
20(ft)CONTAINER ILLUSTRATE	SIZE	5.889(L)*2.352(w)*2.386(H)m	PACKING QUANTITY
	CONTAINER	STEEL	20PALLET/CONTAINER

CONTAINER FORM

CONTAINER LOADING METHOD



TOP VIEW

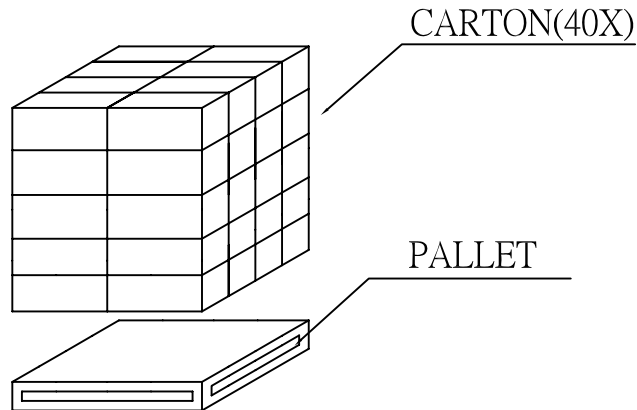


FRONT VIEW

PALLET LOADING ILLUSTRATE	SIZE	117(L)*107(w)*11(H)cm	PACKING QUANTITY	40 CARTONS/PALLET
	PALLET	PLYWOOD		

PALLET ILLUSTRATE

PALLET LOADING METHOD



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DELTA MODEL: DHS-B9090-44	Drawn: Sheila
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CUSTOMER NAME:	STD
CUSTOMER P/N:	---

DIMENSIONAL TOLERANCES		HOLES : ±0.05 ANGLES : ±0.5°	
()	()	()	()
<30 :±0.25	DECIMALS	UP-100 :±0.2	250-300 :±0.4
>30-100 :±0.35	X :±0.3	100-150 :±0.25	300-350 :±0.45
>100-300 :±0.5	XX :±0.2	150-200 :±0.3	350-400 :±0.5
ABOVE 300 :±0.6	XXX :±0.1	200-250 :±0.35	900-OVER :±3.1

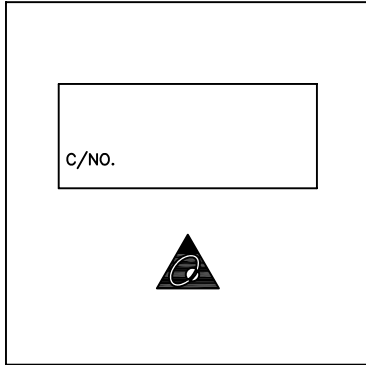
 THIRD ANGLE PROJECTION A4 SIZE	Description: PRODUCTION SPEC. (PACKING ASSMEBLY)
	Part No. DHS-B9090-44-PA

SCALE	---	UNIT	---	USED ON	COOLER	SHEET 1 OF 2	ISSUE DATE:	REV. 00
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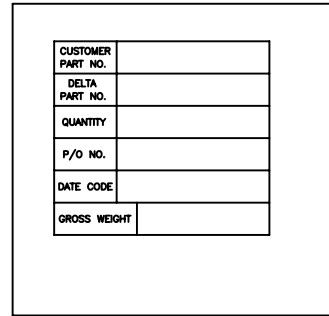
CARTON ILLUSTRATE	SIZE	498(L)*298(w)*166(H)(mm)	PACKING QUANTITY	3LAYERS/CARTON
	MATERIAL	3 LAYERS"AB" FLUTE	CARTON WEIGHT	0.8 kg (REF.)

CARTON OUTSIDE ILLUSTRATE

FRONT

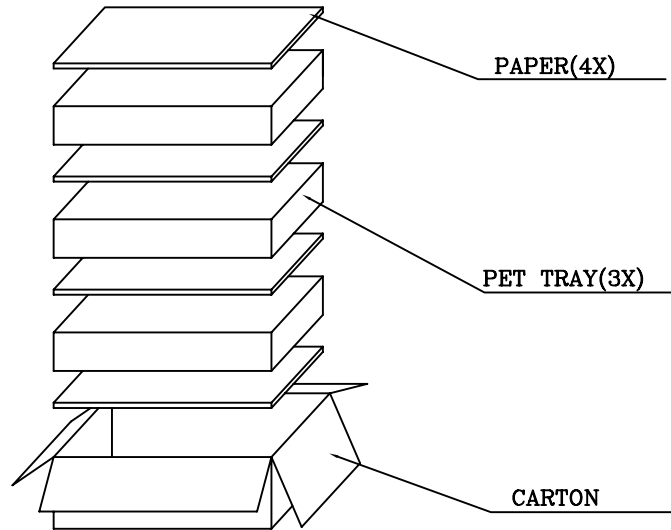


BACK



(ONE LABEL PER CARTON)

PET TRAY PACKING ILLUSTRATE	SIZE	490(L)*290(w)*41(H)(mm)	PACKING QUANTITY	8PCS/PET TRAY
	MATERIAL	PET TRAY		
	MATERIAL WEIGHT	170g (REF.)		



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CUSTOMER NAME: STD

CUSTOMER P/N: ---

DIMENSIONAL TOLERANCES		HOLES : ±0.05		ANGLES : ±0.5°	
()	()	()	()	()	()
<30	±0.25	DECIMALS	UP-100	±0.2	250-300
>30-100	±0.35	X	100-150	±0.25	300-350
>100-300	±0.5	XX	150-200	±0.3	350-400
ABOVE 300	±0.6	X.XX	200-250	±0.35	900-OVER
					±1.5
					±2.4
					±3.1



Description: PRODUCTION SPEC.

A4

Part No. DHS-B9090-44-PA

REV.

00

SCALE --- UNIT --- USED ON COOLER

SIZE

SHEET 2 OF 2

ISSUE DATE: