



## 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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# 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

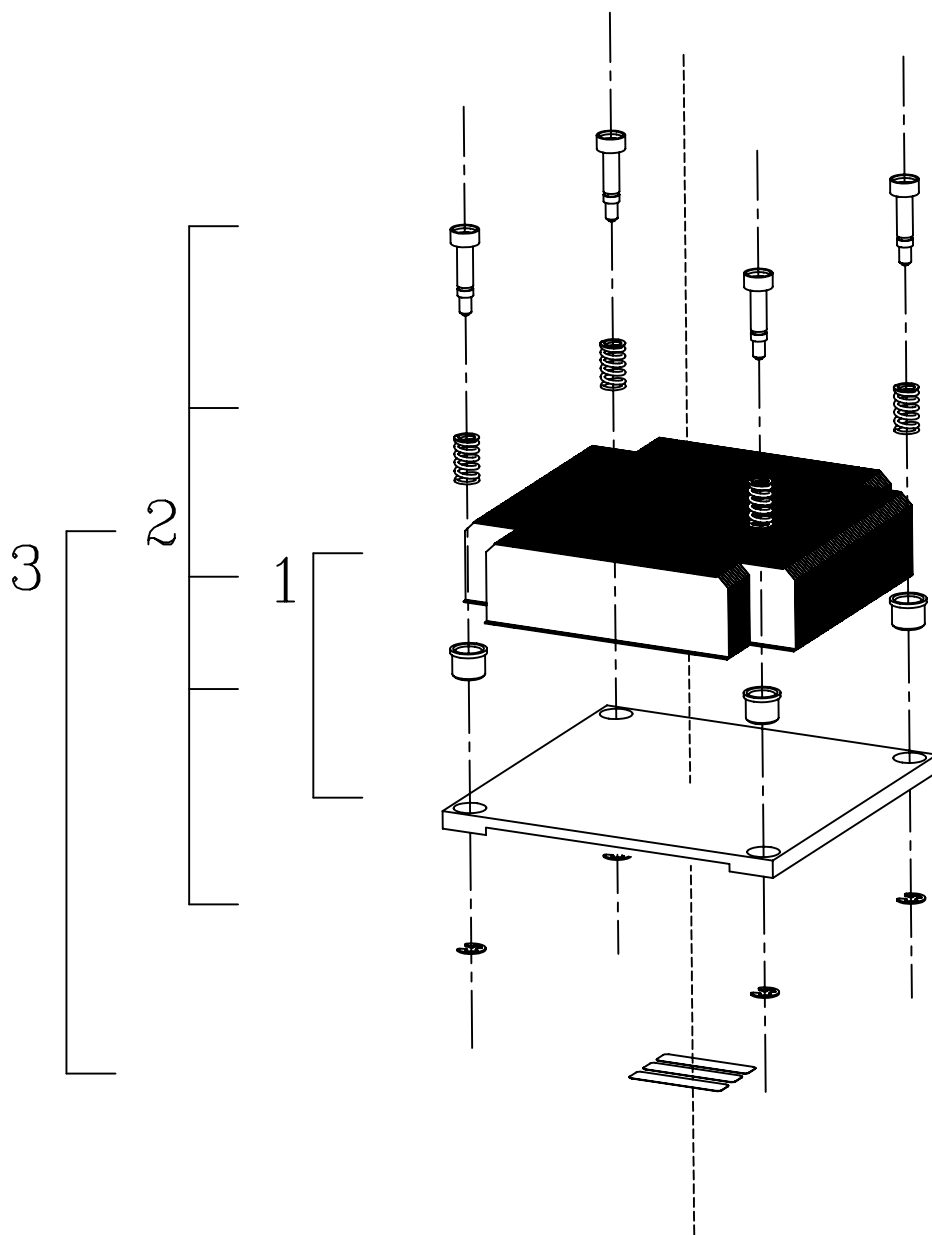
Item	Part Name	Material	Part NO.	Q'TY	Remark
1	FIN	AL1050	3346397700	1 PCE	
2	CU BASE	CU1100	3346841600	1 PCE	
3	CAP	SUS 303	3462384700	4 PCE	
4	SCREW	SUS 410	3105464700	4 PCE	
5	SPRING	MUSIC WIRE	3461809700	4 PCE	
6	E CLIP	S20C or S50C	3110262800	4 PCE	
7	GREASE	TC-1996	4021101500	0.308GRM	
8	AIR BUBBLE	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	



**Delta Electronics Corp.**

## **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

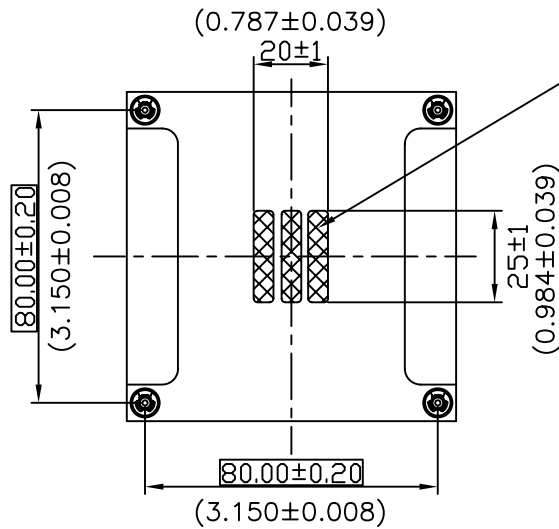
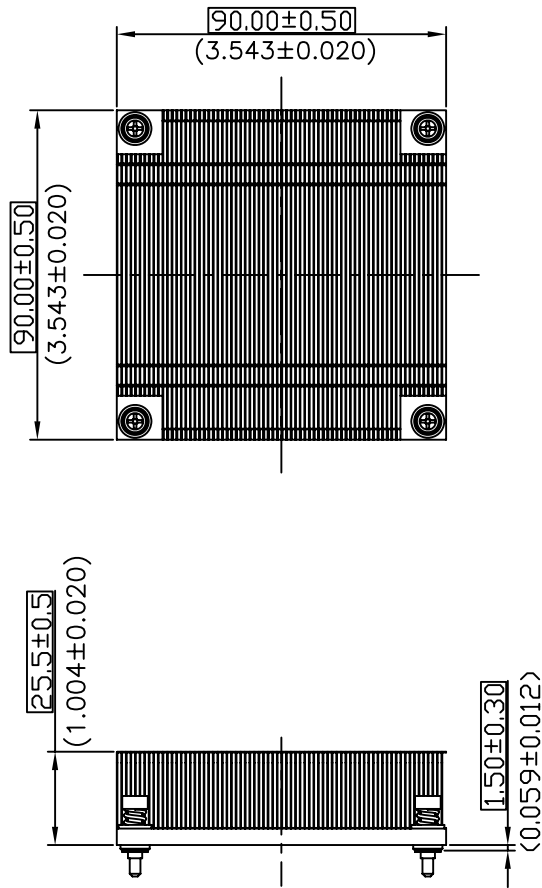
REV.

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				

A4 SIZE	Description: PRODUCTION SPEC. (PHYSICAL DIMENSION)	REV.
	Part No. DHS-B9090-44-PD	00

SCALE	---	UNIT	---	USED ON	COOLER
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SHEET 1 OF 1	ISSUE DATE:
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### **3. PACKING PLAN**

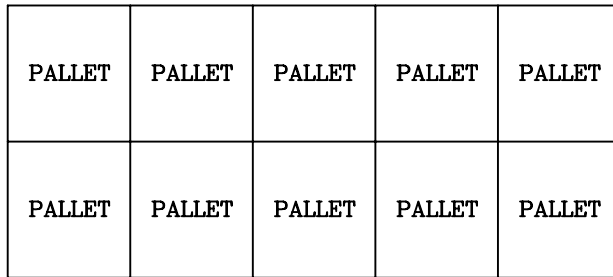
#### **Packing Specification**



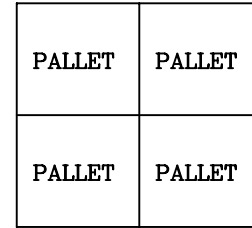
PART NO.	DHS-B9090-44				
BASIC DATA	QUANTITY/CARTON	24PCS (3 LAYERS/CARTON, 8PCS/LAYER)			
	PRODUCTION NET WEIGHT	9.0kg (REF.)			
	PRODUCTION GROSS WEIGHT	10.6kg (REF.)			
20(ft)CONTAINER ILLUSTRATE	SIZE	5.889(L)*2.352(w)*2.386(H)m		PACKING QUANTITY	20PALLET/CONTAINER
	CONTAINER	STEEL			

CONTAINER FORM

CONTAINER LOADING METHOD



TOP VIEW

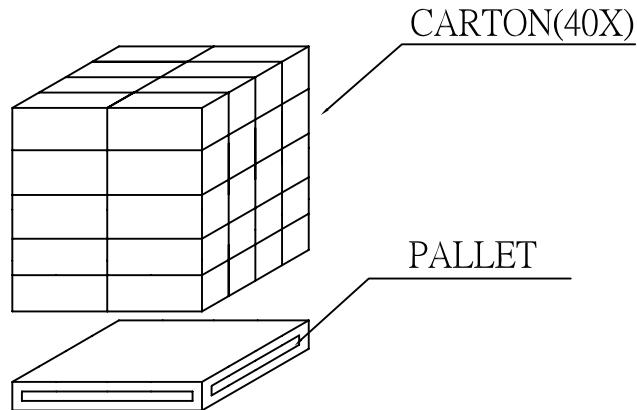


FRONT VIEW

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:  
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Sheila

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CUSTOMER P/N: ---

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( )	( )	( )	( )	( )	( )				
<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	XXX	±0.1	200-250	±0.35				



Description: PRODUCTION SPEC.  
(PACKING ASSMEBLY)

A4

Part No. DHS-B9090-44-PA

REV.

SIZE

SHEET 1 OF 2

ISSUE DATE:

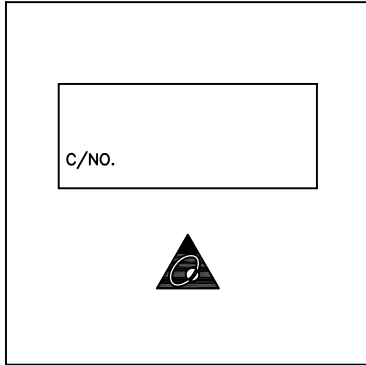
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SCALE --- UNIT --- USED ON COOLER

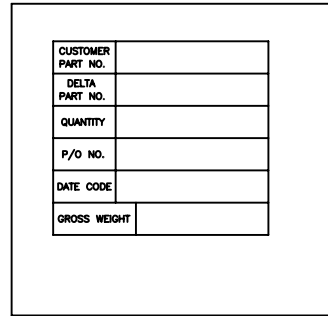
CARTON ILLUSTRATE	SIZE	498(L)*298(w)*166(H)(mm)	PACKING QUANTITY	3LAYERS/CARTON
	MATERIAL	3 LAYERS"AB" FLUTE	CARTON WEIGHT	0.8 kg (REF.)

CARTON OUTSIDE ILLUSTRATE

FRONT

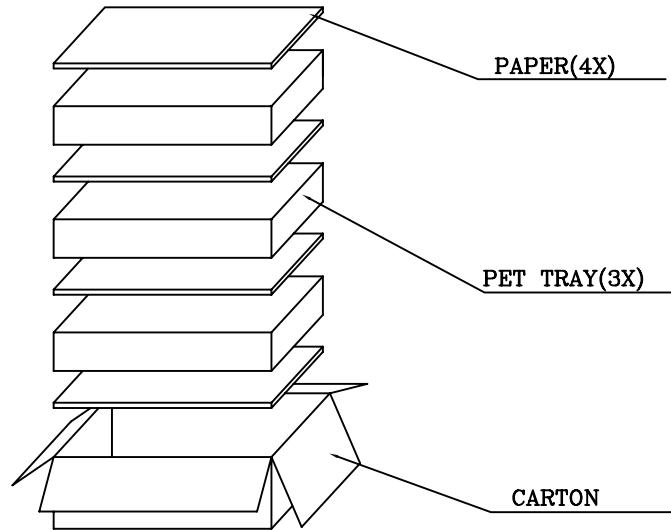


BACK



(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: