



APPROVAL SHEET

Customer Name : _____

Model Name : HEATSINK

Model Name : DHS-B9292-05

Customer Part No : _____

Spec Issue Date : 2012 / 05 / 23

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>Alex-Hsia</i>	<i>Charles Chen</i>	HIKARU.CHEN



Delta Electronics Corp.

REV.	Description	Drawn	Checked	Approved	Issue Date
00	ISSUE SPEC	HIKARU.CHEN 05/23'12	<i>Charles. Chen</i> 05/23'12	<i>Alex-Hsia</i> 05/24'12	
Description: SAMPLE REVISION CODE LIST					
Part No.					REV
DELTA MODEL : DHS-B9292-05		TOTAL 11 PAGE			00



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1. SPECIFICATION

Characters

Item	Description
Scope	THIS SPECIFICATION DEFINES THE ELECTRICAL AND MECHANICAL CHARACTERISTICS OF THE FAN HEATSINK
Application	INTEL LGA2011 CPU HEATSINK
Specification	
a: Thermal Resistance	0.175 (°C/W) (REF.)
b: total weight	460 g (REF.)
c: clip force	29.5 Kgf (REF.)

BOM

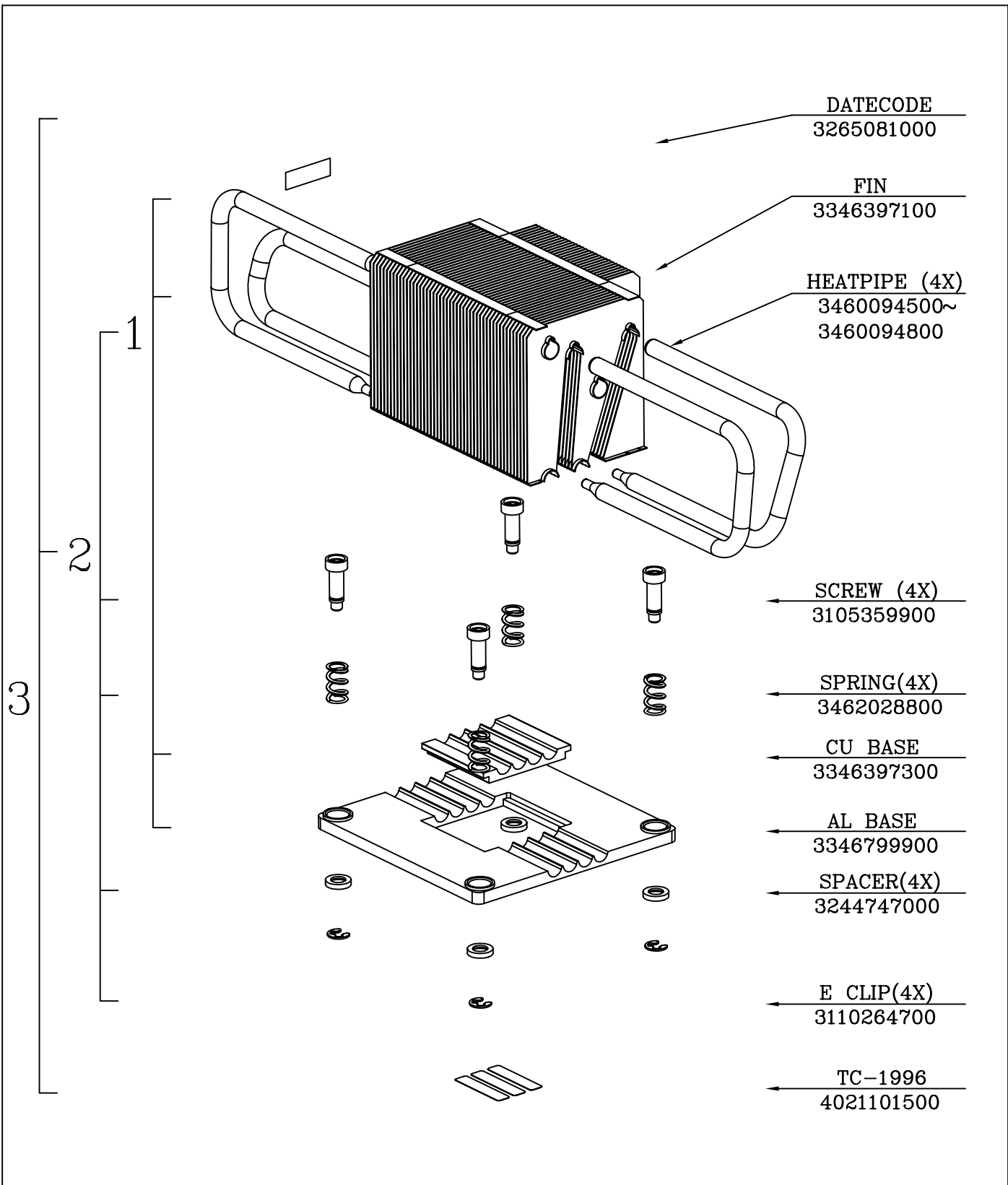
Item	Part Name	Material	Part NO.	Q'TY	Remark
1	FIN	AL 1050	3346397100	1PCE	
2	CU BASE	CU 1100	3346397300	1PCE	
3	AL BASE	ADC-12	3346799900	1PCE	
4	PIPE	CU 1100	3460094500	1PCE	
5	PIPE	CU 1100	3460094600	1PCE	
6	PIPE	CU 1100	3460094700	1PCE	
7	PIPE	CU 1100	3460094800	1PCE	
9	SCREW	SUS 304	3105359900	4PCE	
10	SPRING	ASTM A228	3462028800	4PCE	
11	E CLIP	SK7	3110264700	4PCE	
12	SPACER	POM	3244747000	4PCE	
13	GREASE	TC-1996	4021101500	0.308 g	
14	TRAY	PET	3503595000	0.125PCE	
15	TRAY	PET	3503595100	0.125PCE	
16	PAD PAPER	PAPER	3510131600	0.167PCE	
17	CARTON	PAPER	3510979900	0.042PCE	




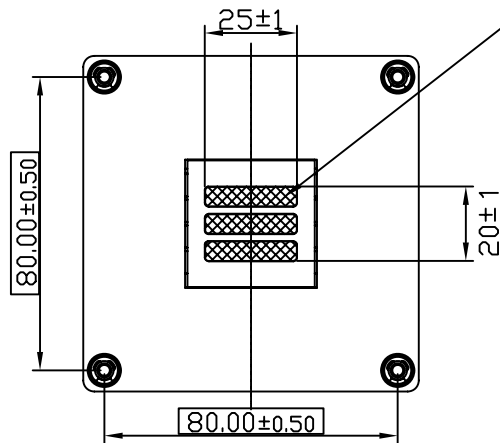
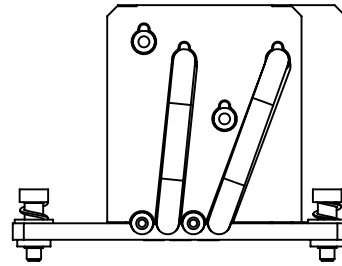
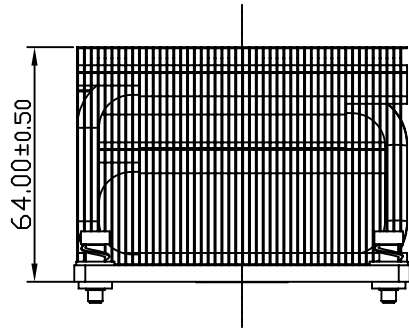
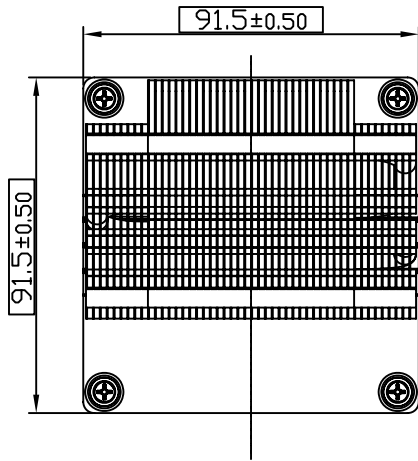
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2. PRINT

Assembly Drawing



 台達電子工業股份有限公司 DELTA ELECTRONICS, INC.	DELTA MODEL: DHS-B9292-05	Drawn: HIKARU.CHEN
	CUSTOMER NAME: STD	
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	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	
SCALE 1:1 UNIT mm USED ON COOLER	Part No. DHS-B9292-05-AS SHEET 1 OF 1	REV. 00 ISSUE DATE:



Dow Corning TC-1996 P/N : 4021101500

*STENCIL THICKNESS=0.20(TYP.) 0.22(MAX.)
TIM WEIGHT ON HSK MUST BE 250mg±30mg



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HIKARU.CHEN

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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
>30-100	±0.35	X ±0.3	100-150 ±0.25
>100-300	±0.5	X.X ±0.2	150-200 ±0.3
ABOVE 300	±0.6	X.XX ±0.1	200-250 ±0.35
			250-300 ±0.4
			300-350 ±0.45
			350-400 ±0.5
			600-900 ±2.4
			900-OVER ±3.1



Description:

PRODUCTION SPEC.
(PHYSICAL DIMENSION)

A4
SIZE

Part No.

DHS-B9292-05-PD

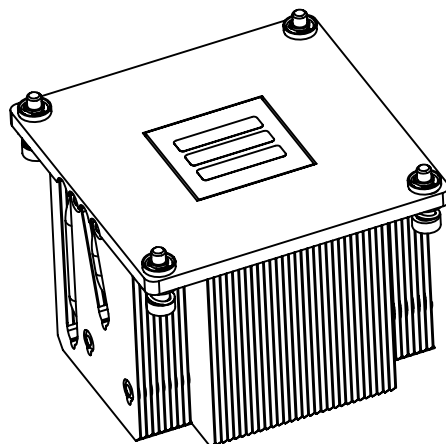
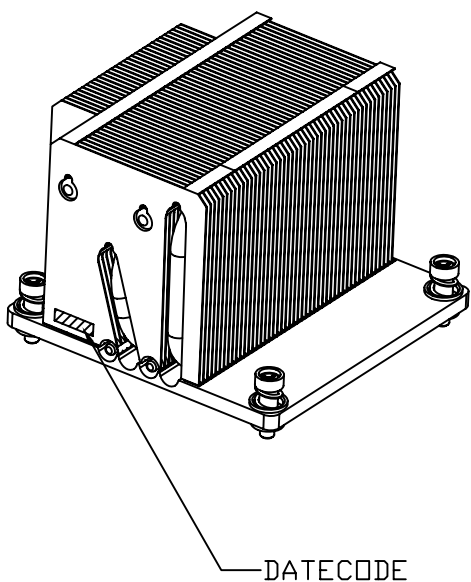
REV.

00

SHEET 1 OF 1

ISSUE DATE:

SCALE 1 / 1 UNIT mm USED ON COOLER



NOTE :

1. DATECODE ON FIN.
2. DATECODE TYPE : LABEL.
3. BLANK DATECODE LABEL P/N : 3265081000.
4. PLEASE REFER TO CP10S-00345 WHILE PRINTING DATECODE.



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DELTA MODEL: DHS-B9292-05	Drawn: HIKARU.CHEN
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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	100-150	±0.25	300-350	±0.45	600-900	±2.4
>100-300	±0.5	X.X	150-200	±0.3	350-400	±0.5	900-OVER	±3.1
ABOVE 300	±0.6	X.XX	200-250	±0.35				

 THIRD ANGLE PROJECTION	Description: PRODUCTION SPEC. (PHYSICAL DIMENSION)	
A4	Part No. DHS-B9292-05-PD	REV. 00

SCALE	1 / 1	UNIT	mm	USED ON	COOLER	SHEET	1	OF	1	ISSUE DATE:	
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3. PACKING PLAN

Packing Specification

PART NO.	DHS-B9292-05																		
BASIC DATA	QUANTITY/CARTON		24 PCS																
	PRODUCTION NET WEIGHT		11.1 Kg (REF)																
	PRODUCTION GROSS WEIGHT		13.2 Kg (REF)																
20(ft)CONTAINER ILLUSTRATE	SIZE	5.889(L)*2.352(w)*2.386(H)m		PACKING QUANTITY	20 PALLETS/CONTAINER														
	CONTAINER	STEEL																	
CONTAINER FORM																			
CONTAINER LOADING METHOD																			
<table border="1" style="width: 100%; text-align: center;"> <tr><td>PALLET</td><td>PALLET</td><td>PALLET</td><td>PALLET</td><td>PALLET</td></tr> <tr><td>PALLET</td><td>PALLET</td><td>PALLET</td><td>PALLET</td><td>PALLET</td></tr> </table> <p style="text-align: center;">TOP VIEW</p>					PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	<table border="1" style="width: 100%; text-align: center;"> <tr><td>PALLET</td><td>PALLET</td></tr> <tr><td>PALLET</td><td>PALLET</td></tr> </table> <p style="text-align: center;">FRONT VIEW</p>	PALLET	PALLET	PALLET	PALLET
PALLET	PALLET	PALLET	PALLET	PALLET															
PALLET	PALLET	PALLET	PALLET	PALLET															
PALLET	PALLET																		
PALLET	PALLET																		
←																			
PALLET LOADING ILLUSTRATE	SIZE	120(L)*100(w)*13.5(H)cm		PACKING QUANTITY	40 CARTONS/PALLET														
	PALLET	WOOD																	
PALLET ILLUSTRATE																			
PALLET LOADING METHOD																			



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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	X.X ±0.2	150-200	±0.3	350-400 ±0.5
ABOVE 300	±0.6	X.XX ±0.1	200-250	±0.35	900-OVER ±3.1



Description: PRODUCTION SPEC.
(PACKING ASSEMBLY)

A4
SIZE

Part No. DHS-B9292-05-PA

REV.
00

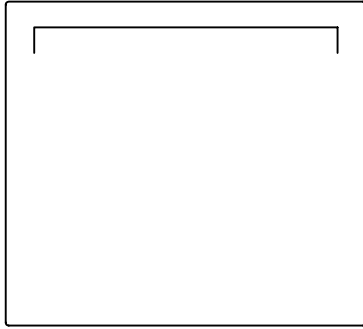
SHEET 1 OF 2 ISSUE DATE:

SCALE 1:1 UNIT mm USED ON COOLER

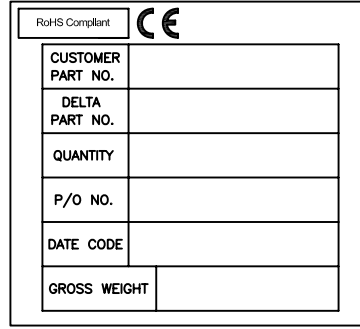
CARTON ILLUSTRATE	SIZE	498(L)*298(w)*144(H)(mm)	PACKING QUANTITY	3 LAYERS/CARTON
	MATERIAL	4 LAYERS"AB" FLUTE	CARTON WEIGHT	0.7 kg (REF.)

CARTON OUTSIDE DEMONSTRATE

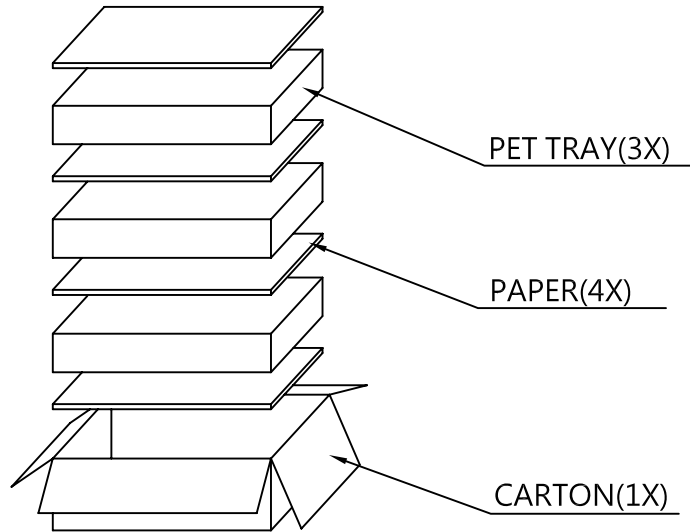
FRONT



BACK



PET TRAY PACKING ILLUSTRATE	SIZE	490(L)*290(w)*50(H)(mm)	PACKING QUANTITY	8 PCS/TRAY
	MATERIAL	PET TRAY	MATERIAL WEIGHT	120g (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	X.X	150-200	±0.3	350-400
ABOVE 300	±0.6	X.XX	200-250	±0.35	900-OVER
					±1.5
					±2.4
					±3.1

THIRD ANGLE PROJECTION
Description: PRODUCTION SPEC.
(PACKING ASSEMBLY)

A4 SIZE
Part No. DHS-B9292-05-PA
REV. 00

SCALE 1:1 UNIT mm USED ON COOLER

SHEET 2 OF 2 ISSUE DATE: