



Delta Electronics Corp.

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
Alex-Hsia	Charles Chen	HIKARU.CHEN



Delta Electronics Corp.

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



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2	Print	5	
3	Packing Plan	9	



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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

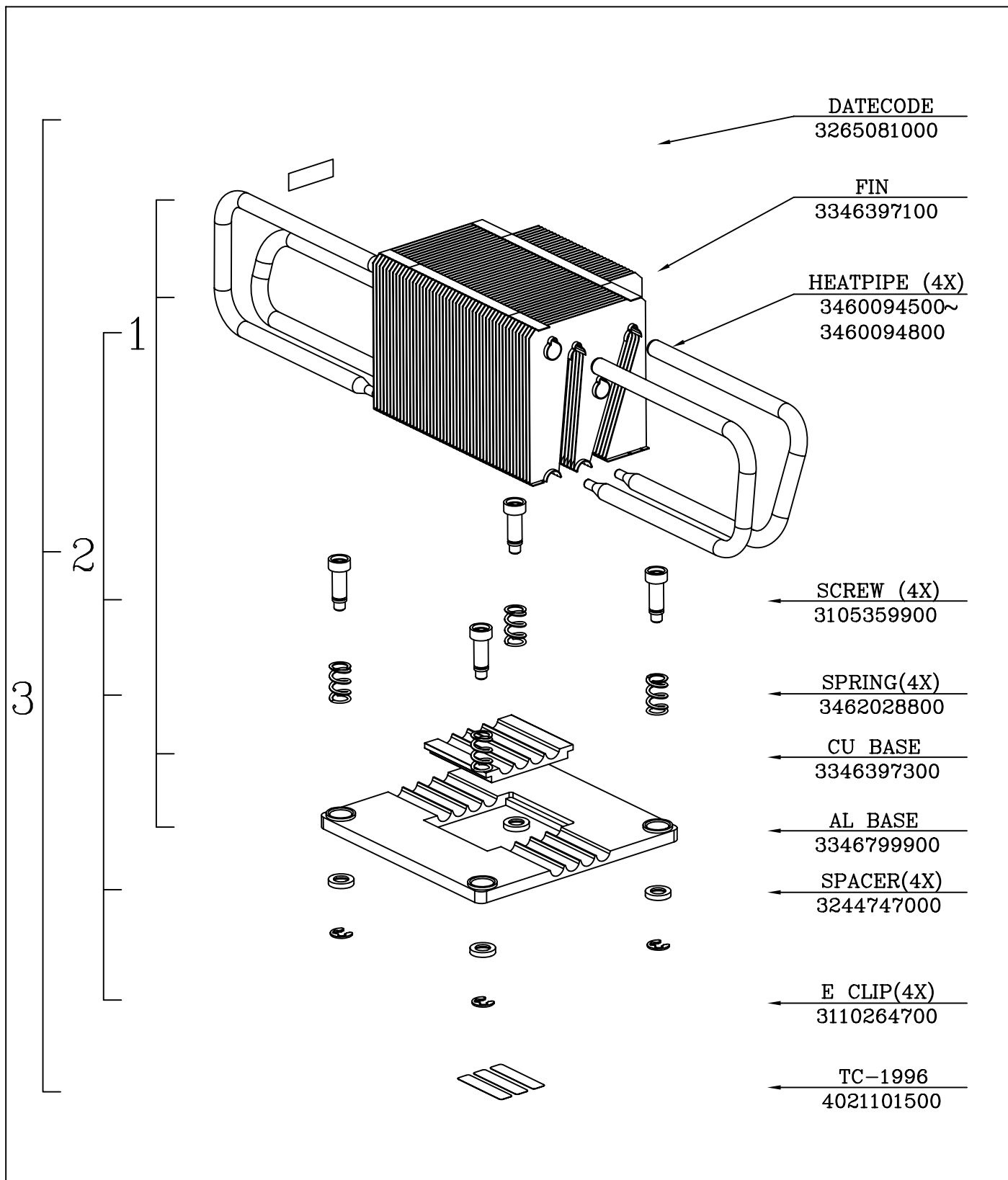
Item	Part Name	Material	Part NO.	Q'TY	Remark
1	FIN	AL 1050	3346397100	1PCE	
2	CU BASE	CU 1100	3346397300	1PCE	
3	AL BASE	ADC-12	3346799900	1PCE	
4	PIPE	CU 1100	3460094500	1PCE	
5	PIPE	CU 1100	3460094600	1PCE	
6	PIPE	CU 1100	3460094700	1PCE	
7	PIPE	CU 1100	3460094800	1PCE	
9	SCREW	SUS 304	3105359900	4PCE	
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



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DELTA ELECTRONICS, INC.

DELTA MODEL:
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Drawn:
HIKARU.CHEN

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CUSTOMER NAME: STD

CUSTOMER P/N: — — —

DIMENSIONAL TOLERANCES

HOLES : ± 0.05 ANGLES : $\pm 0.5^\circ$

()	()	()	()
<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
			400-600 ± 1.5
			600-900 ± 2.4
			900-OVER ± 3.1



Description: PRODUCTION SPEC.
(ASSEMBLY ORDER)

A4
SIZE

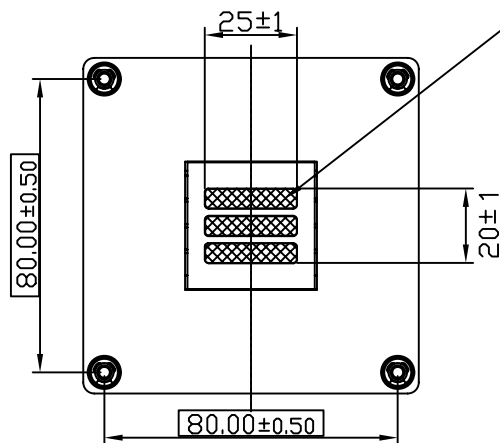
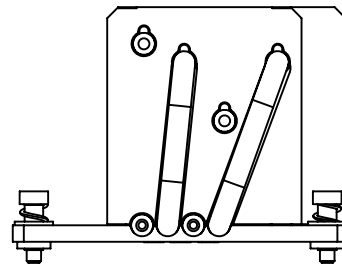
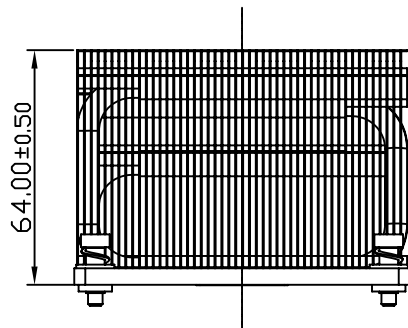
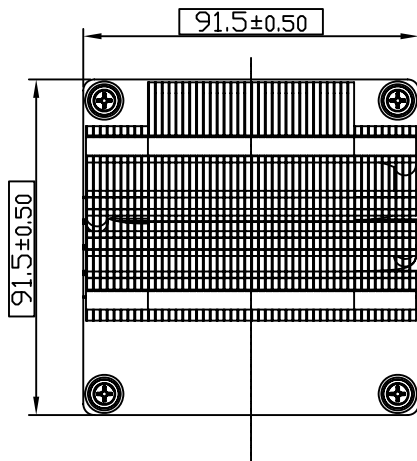
Part No. DHS-B9292-05-AS

REV.

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SCALE 1:1 UNIT mm USED ON COOLER

SHEET 1 OF 1 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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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
			400~600 ±1.5
			600~900 ±2.4
			900~OVER ±3.1



Description:

PRODUCTION SPEC.
(PHYSICAL DIMENSION)

A4
SIZE

Part No.

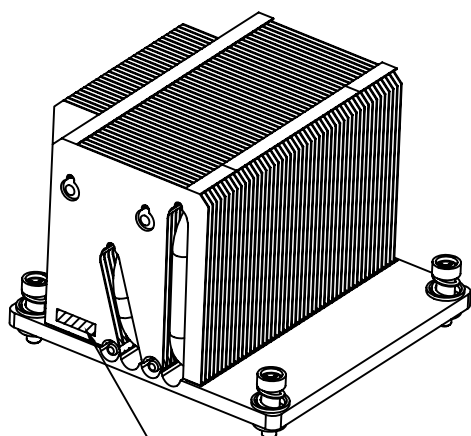
DHS-B9292-05-PD

REV.

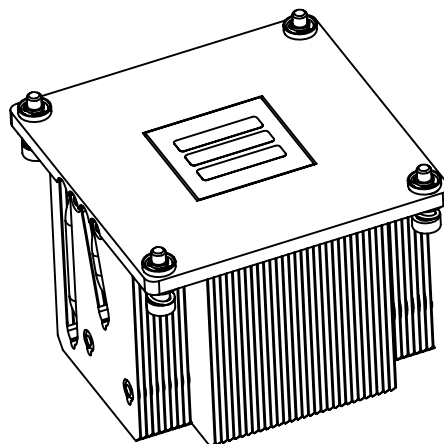
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SHEET 1 OF 1 ISSUE DATE:

SCALE 1 / 1 UNIT mm USED ON COOLER



DATECODE



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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CUSTOMER P/N: — — — — —

DIMENSIONAL TOLERANCES

HOLES : ± 0.05 ANGLES : $\pm 0.5^\circ$

()	()	()	()
<30	± 0.25	DECIMALS	UP~100 ± 0.2
>30~100	± 0.35	X	100~150 ± 0.25
>100~300	± 0.5	X.X	150~200 ± 0.3
ABOVE 300	± 0.6	X.XX	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:

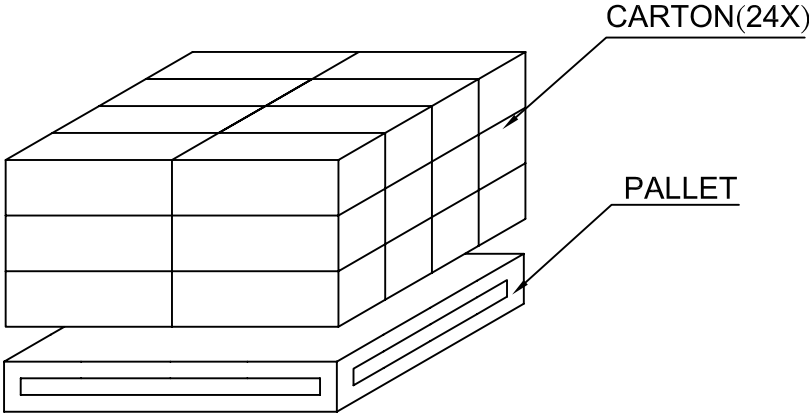
SCALE 1 / 1 UNIT mm USED ON COOLER



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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 MATHOD																			
<table border="1"> <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> TOP VIEW				PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	PALLET	<table border="1"> <tr> <td>PALLET</td> <td>PALLET</td> </tr> <tr> <td>PALLET</td> <td>PALLET</td> </tr> </table> FRONT VIEW		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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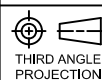
CUSTOMER NAME: STD

CUSTOMER P/N: — — —

DIMENSIONAL TOLERANCES

HOLES : ±0.05 ANGLES : ±0.5°

()	()	()	()
<30	±0.25	DECIMALS	UP~100 ±0.2
>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
			400~600 ±1.5
			600~900 ±2.4
			900~OVER ±3.1



Description: PRODUCTION SPEC.
(PACKING ASSEMBLY)

A4
SIZE

Part No. DHS-B9292-05-PA

REV.

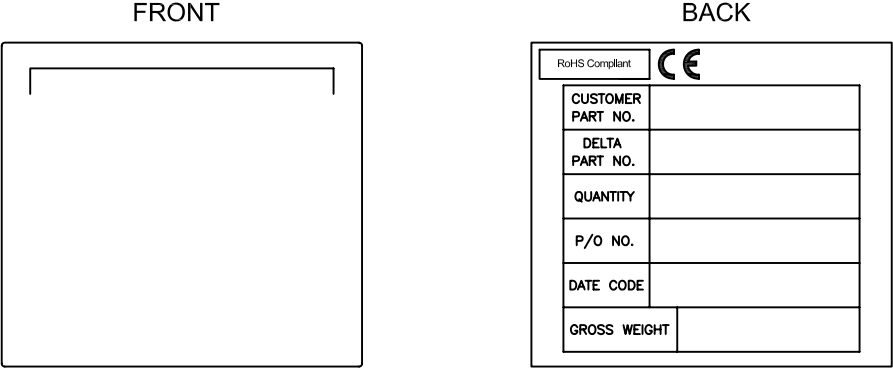
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SHEET 1 OF 2 ISSUE DATE:

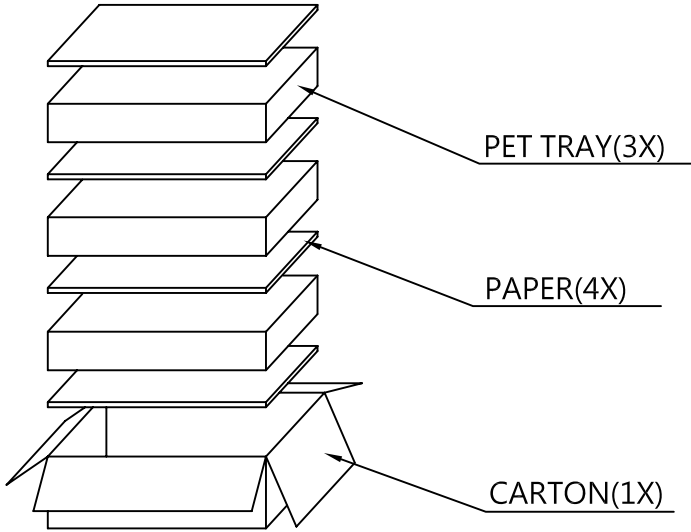
SCALE 1:1 UNIT mm USED ON COOLER

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



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 P/N: — — —	
DIMENSIONAL TOLERANCES () () () () <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		 Description: PRODUCTION SPEC. (PACKING ASSEMBLY)	REV.
SCALE 1:1 UNIT mm USED ON COOLER		A4 SIZE	Part No. DHS-B9292-05-PA SHEET 2 OF 2 ISSUE DATE:
			00