

8

7

6

5

4

3

2

1

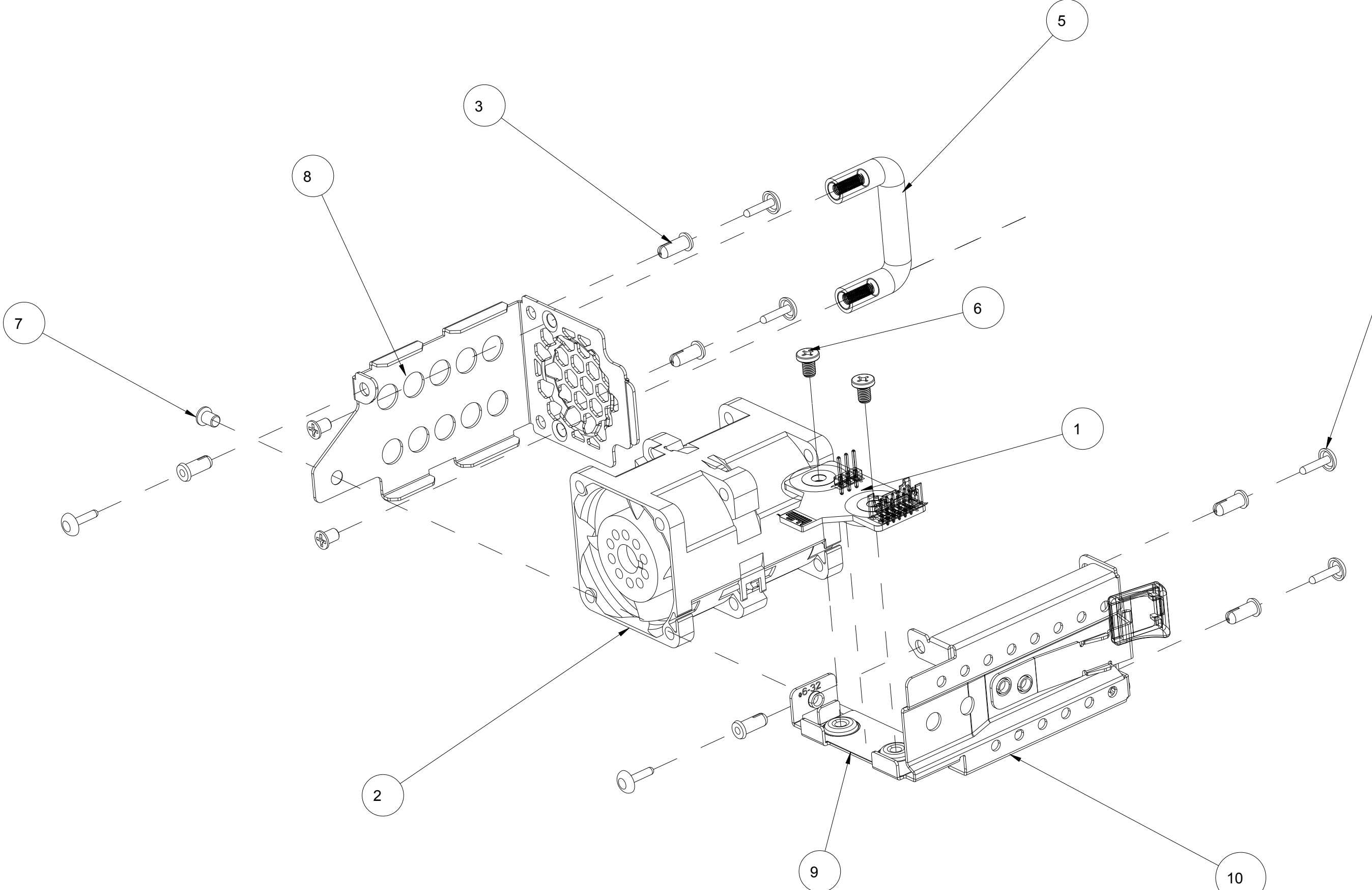
THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF INVENTEC CORPORATION AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION, INVENTEC CORPORATION.

INVENTEC CONFIDENTIAL
DO NOT COPY

PART NO & PART REVISION		
PART NO	REV	REMARK
1597B0577201	A01	


NOTE: (UNLESS OTHERWISE SPECIFIED)

THE PRODUCT (PART) MUST COMPLY WITH THE INVENTEC DOCUMENT, INVENTEC HAZARDOUS SUBSTANCE FREE (HSF) MANAGEMENT STANDARD. ADDITIONAL: THE PRODUCT (PART) MUST COMPLY WITH HALOGEN FLAME RETARDANTS AND POLYVINYL CHLORIDE (PVC) REQUIREMENT OF INVENTEC HSF MANAGEMENT STANDARD.



10	6070B0951501	SET,LATCH,FAN,REVERSE		1
9	6054B1499101	INSULATOR,FAN CAGE,REAR,0.178mm,EFR85,SONY G9000		1
8	6053B1145901	CAGE,FAN,RIGHT,SGCC 0.8MM,REVERSE		1
7	6052B0066801	SCREW,FLAT,#6-32,4mm,MACH,5.3mm,1.0mm		3
6	6052B0051801	SCREW,FLAT,#6-32,5mm,MACH,6mm,1.36mm,#2,NICKEL,ZINC,BLUE	-	2
5	6051B0949601	HANDLE,FAN CAGE,4056,ABS+PC,REAR		1
4	6051B0949401	PLUG,FAN CAGE,REAR,ROUND,10.5mm,6.2mm,SR-3AC,MALE		6
3	6051B0949301	PLUG,FAN CAGE,REAR,ROUND,9.4mm,5mm,SR-3AC,FEMALE		6
2	6033B0041801	FAN,AXIAL,40*40*56mm,33.62CFM,2.53in-H2O		1
1	1395A2678201	MOD,DAUG,0873		1
ITEM	IEC P/N	DESCRIPTION	HPQ P/N	Q'TY

THIRD ANGLE



TOLERANCE
< ~49.99 ±0.20
50~199.99 ±0.25
200~299.99 ±0.30
300~ ±0.35

Angle ±1°

CUSTOMER P/N		ASSY CODE	
DRN DANIEL CHEN	CHKD SMARK LEE	<div>Inventec</div>	
DES ENG DANIEL CHEN	RESP ENG SMARK LEE		
UNIT MILLIMETER	DATE 2015/05/07	ASSY,FAN MODULE ASSY	
STAGE Design		DOCUMENT NUMBER	
PROE FILE 1597-FAN-MODULE-RVS-CTN		MEDIA CODE K AD	NUMBER 1597B0577201-0-0
DRW FILE 1597-FAN-MODULE-RVS-CTN		REV A	
SCALE 1:000		SHEET 1 of 1	

ECO NO.

INITIAL

8

7

6

5

4

3

2

1

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF INVENTEC CORPORATION AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION, INVENTEC CORPORATION.

INVENTEC CONFIDENTIAL
DO NOT COPY

PART NO & PART REVISION

PART NO	REV	REMARK
6053B1145901	A01	

- NOTE: (UNLESS OTHERWISE SPECIFIED)
- 1 . MATERIAL: 0.800 mm THICK SGCC C1006 THRU C1020 COLD ROLLED STEEL, ZINC-COATED (GALVANIZED) PER ASTM A653/A 653M BY HOT-DIP PROCESS BOTH SIDES WITH A WEIGHT OF G30, ZERO SPANGLE, EXTRA SMOOTH, AND CHEMTREATED (HEXAVALENT CHROMIUM FREE) EACH SIDE OR ACRYLIC PASSIVATION WITH A HEXAVALENT CHROMIUM FREE COATING WITH A TOTAL WEIGHT OF 50-80 MG/FT SQ EACH SIDE.
- 2 . QUALITY CONTROL DIMENSION.
- 3 . PART IDENTIFICATION:
MARK PART APPROX. WHERE SHOWN WITH THE FOLLOWING INFORMATION:
(IT CAN BE READ AT 18 INCHES)
(A) THE LAST TWO DIGITAL NUMBERS OF PART NUMBER AND PART REVISION.
(A) PART NUMBER AND PART REVISION.
(B) VENDOR IDENTIFICATION
(C) HP PART NUMBER (RESERVE SPACE IF THE HP PART NUMBER IS UNCLEAR)
THIN PARTS MAY BE INKS STAMPED, VERY SMALL PARTS MAY SKIP PART NUMBER MARKING WITH THE APPROVAL OF THE HP DESIGN TEAM.
THE LAST TWO DIGITAL NUMBERS OF P/N AND PART REVISION(TWO DIGITS) TO BE MADE WITH REMOVABLE CORE ON THE TOOLING.
- 4 . ASSEMBLY IDENTIFICATION:
MARK PART APPROX. WHERE SHOWN WITH THE FOLLOWING INFORMATION:
(IT CAN BE READ AT 18 INCHES)
(A) PART NUMBER AND PART REVISION.
(B) HP PART NUMBER (RESERVE SPACE IF THE HP PART NUMBER IS UNCLEAR)
THIN PARTS MAY BE INKS STAMPED, VERY SMALL PARTS MAY SKIP PART NUMBER MARKING WITH THE APPROVAL OF THE HP DESIGN TEAM.
THE LAST TWO DIGITAL NUMBERS OF P/N AND PART REVISION(TWO DIGITS) TO BE MADE WITH REMOVABLE CORE ON THE TOOLING.
- 5 . FOR PROGRESSIVE TOOLING, NEED TO AVOID CARRY POINT AT THE SPECIFIED AREA.
- 6 . SURFACE GRADE:
UNLESS SPECIAL SPECIFIED SURFACE IN THIS DOCUMENT, OTHERS SURFACES GRADES NEED COMPLY WITH HP 773573 COSMETIC REQUIREMENT SURFACE GRADE S3.
- 7 . PARTS TO BE PACKAGED FOR SHIPMENT PER HP SPEC 109893-000.
- 8 . BURR HEIGHT BELOW 5% OF MATERIAL THICKNESS PER HP SPEC 101294(SECTION 5.4).
- 9 . COIN INDICATED EDGES(COINING DESIGNATED BY EDGE CHAMFER IN 3D FILE).
- 10 . ALL INTERNAL BEND RADII ARE DEFINED BY 3D MODEL. DEVIATIONS FROM THE 3D MODEL BEND RADII MUST BE APPROVED BY HP/IEC ENGINEERING.
- 11 . MIN BEND RELIEF.
- 12 . DIMENSIONS SPECIFICALLY CALLED OUT ARE CONSIDERED INSPECTION DIMENSIONS AND SHALL BE USED DURING THE INSPECTION PROCESS AND REPORTING. FEATURES NOT DIMENSIONED ARE DEFINED BY THE 3-D SOURCE FILE. WHEN REQUIRED BY HP/IEC ENGINEERING, UNDIMENSIONED FEATURES SHALL BE MEASURED FROM THE PRIMARY DATUMS AS SHOWN ON THIS DRAWING APPLYING THE DIMENSIONAL TOLERANCE AS SPECIFIED WITHIN THE DRAWING. TOLERANCES SHALL BE APPLIED TO FEATURE SIZE AND LOCATION AS APPLICABLE. UPON APPROVAL OF THE TVR BY THE HP/IEC DESIGN AND TOOLING ENGINEERING, 3D SOURCE FILE DIMENSIONAL REQUIREMENTS WILL BE DEEMED TO HAVE BEEN MET.
- 13 . DRAWING NOTE FOR PAINTED SHEET METAL PART
COVER MASK WHILE PAINTING, NO OVERSPREAD ALLOW [BY USING TAPE]
COVER MASK WHILE PAINTING , OVERSPREAD IS ALLOW, NEED TO GET IEC APPROVAL FOR OVERSPREAD FAI. [BY USING FIXTURE]
3MM EXTEND FROM TANGENT POINT OF RADIUS [START LINE OF PAINTED AREA]
- 14 . GENERAL: THE PRODUCT (PART) MUST COMPLY WITH THE INVENTEC DOCUMENT, INVENTEC HAZARDOUS SUBSTANCE FREE (HSF) MANAGEMENT STANDARD. ADDITIONAL: THE PRODUCT (PART) MUST COMPLY WITH HALOGEN FLAME RETARDANTS AND POLYVINYL CHLORIDE (PVC) REQUIREMENT OF INVENTEC HSF MANAGEMENT STANDARD.

59.80 <7>

57.90 <6>

56.01 <13>

51.35 ⁰_{-0.15} X2 <8>

31.55 ^{+0.15}₀ X2 <9>

22.35 ⁰_{-0.15} X2 <10>

6.55 ^{+0.15}₀ X2 <11>

0.00

0.00

-B-

8.15 <5>

15.70 <4>

0.00

28.13 <3>

33.13 <2>

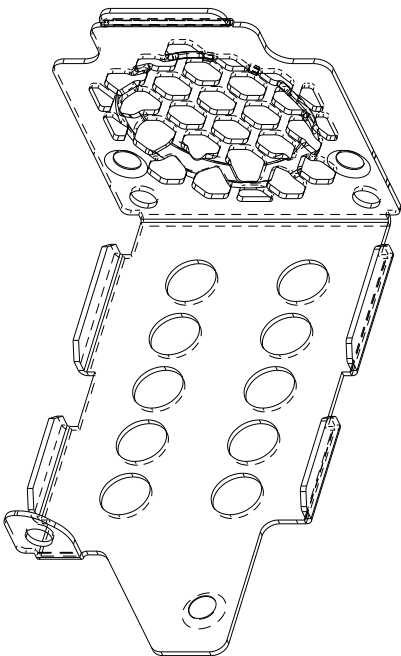
40.00 <1>

-A-

5.00 X4 <12>

0.00

-C-



46.31 ⁰_{-0.15} <23>

12.80 X2 <22>

5.30 X2 <21>

0.00

-C-

0.00

4.00 X2 <20>

8.00 <19>

11.00 <18>

29.00 <17>

32.00 <16>

36.00 X2 <15>

40.00 <14>

-A-

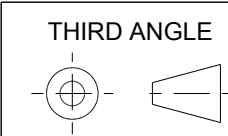
ECO NO.

INITIAL

LAST: <23>

CUSTOMER P/N

ASSY CODE



TOLERANCE

< ~49.99 ±0.15
50~99.99 ±0.20
100~199.99 ±0.25
200~399.99 ±0.30
400~< ±0.35

Angle ±1°

DRN

DANIEL CHEN

DES ENG

DANIEL CHEN

UNIT

MILLIMETER

STAGE

Design

PROE FILE

6053B1145901-FAN-RGT-RVS-CRN

DRW FILE

6053B1145901-FAN-RGT-RVS-CRN

CHKD

SMARK LEE

RESP ENG

SMARK LEE

DATE

2014/10/16

CAGE,FAN,RIGHT,SGCC 0.8MM,REVERSE

DOCUMENT NUMBER

MEDIA CODE

K MD

SCALE

1.000

NUMBER

6053B1145901-0-0

REV

A

SHEET 2 of 2

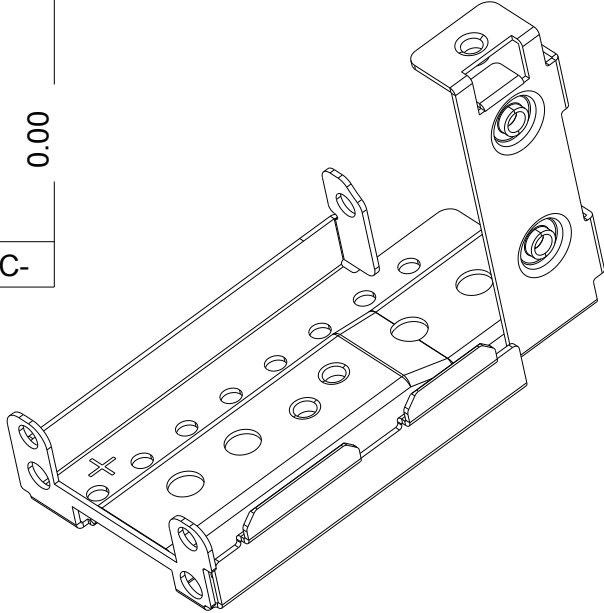
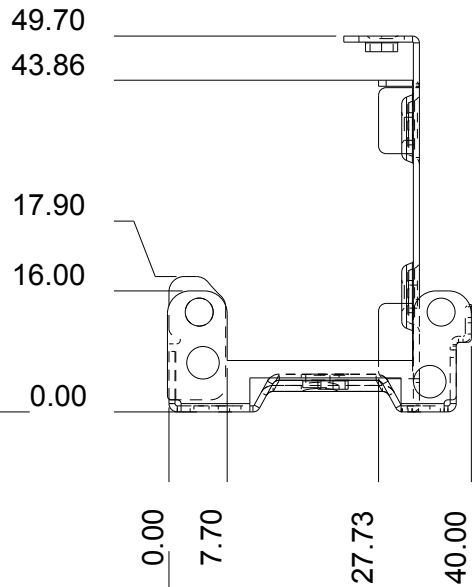
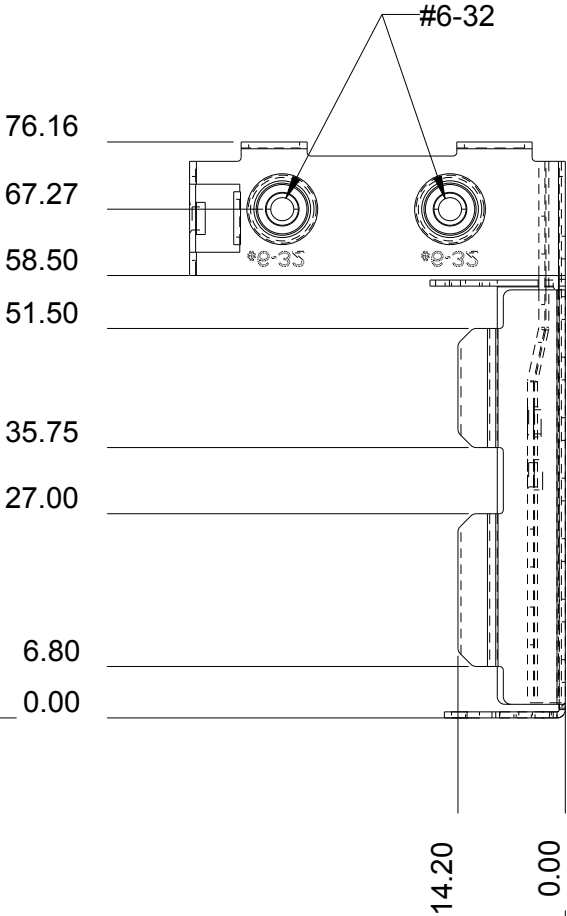
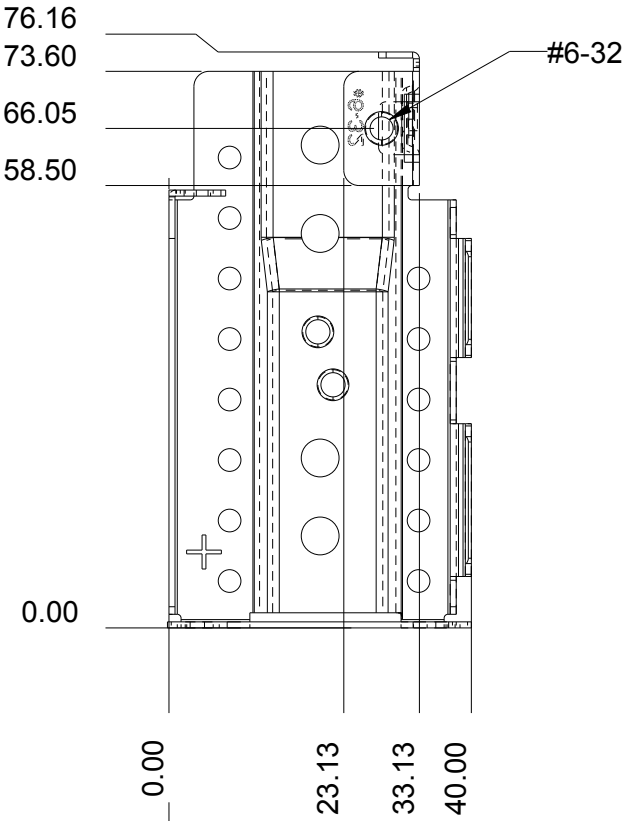
THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF INVENTEC CORPORATION AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION, INVENTEC CORPORATION.

INVENTEC CONFIDENTIAL
DO NOT COPY

PART NO & PART REVISION

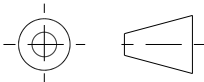
PART NO	REV	REMARK
6053B1146001	A01	

- NOTE: (UNLESS OTHERWISE SPECIFIED)
- MATERIAL: *** mm THICK *** , C1006 THRU C1020 COLD ROLLED STEEL, ZINC-COATED (GALVANIZED) PER ASTM A653/A 653M BY HOT-DIP PROCESS BOTH SIDES WITH A WEIGHT OF G30, ZERO SPANGLE, EXTRA SMOOTH, AND CHEMTREATED (HEXAVALENT CHROMIUM FREE) EACH SIDE OR ACRYLIC PASSIVATION WITH A HEXAVALENT CHROMIUM FREE COATING WITH A TOTAL WEIGHT OF 50-80 MG/FT SQ EACH SIDE.
 - QUALITY CONTROL DIMENSION.
 - PART IDENTIFICATION:
MARK PART APPROX. WHERE SHOWN WITH THE FOLLOWING INFORMATION:
(IT CAN BE READ AT 18 INCHES)
(A) THE LAST TWO DIGITAL NUMBERS OF PART NUMBER AND PART REVISION.
(A) PART NUMBER AND PART REVISION.
(B) VENDOR IDENTIFICATION
(C) HP PART NUMBER (RESERVE SPACE IF THE HP PART NUMBER IS UNCLEAR)
THIN PARTS MAY BE INKS STAMPED, VERY SMALL PARTS MAY SKIP PART NUMBER MARKING WITH THE APPROVAL OF THE HP DESIGN TEAM.
THE LAST TWO DIGITAL NUMBERS OF P/N AND PART REVISION(TWO DIGITS) TO BE MADE WITH REMOVABLE CORE ON THE TOOLING.
 - ASSEMBLY IDENTIFICATION:
MARK PART APPROX. WHERE SHOWN WITH THE FOLLOWING INFORMATION:
(IT CAN BE READ AT 18 INCHES)
(A) PART NUMBER AND PART REVISION.
(B) HP PART NUMBER (RESERVE SPACE IF THE HP PART NUMBER IS UNCLEAR)
THIN PARTS MAY BE INKS STAMPED, VERY SMALL PARTS MAY SKIP PART NUMBER MARKING WITH THE APPROVAL OF THE HP DESIGN TEAM.
THE LAST TWO DIGITAL NUMBERS OF P/N AND PART REVISION(TWO DIGITS) TO BE MADE WITH REMOVABLE CORE ON THE TOOLING.
 - FOR PROGRESSIVE TOOLING, NEED TO AVOID CARRY POINT AT THE SPECIFIED AREA.
 - SURFACE GRADE:
UNLESS SPECIAL SPECIFIED SURFACE IN THIS DOCUMENT,
OTHERS SURFACES GRADES NEED COMPLY WITH HP 773573 COSMETIC REQUIREMENT SURFACE GRADE S3.
 - PARTS TO BE PACKAGED FOR SHIPMENT PER HP SPEC 109893-000.
 - BURR HEIGHT BELOW 5% OF MATERIAL THICKNESS PER HP SPEC 101294(SECTION 5.4).
 - COIN INDICATED EDGES(COINING DESIGNATED BY EDGE CHAMFER IN 3D FILE).
 - ALL INTERNAL BEND RADII ARE DEFINED BY 3D MODEL. DEVIATIONS FROM THE 3D MODEL BEND RADII MUST BE APPROVED BY HP/IEC ENGINEERING.
 - MIN BEND RELIEF.
 - DIMENSIONS SPECIFICALLY CALLED OUT ARE CONSIDERED INSPECTION DIMENSIONS AND SHALL BE USED DURING THE INSPECTION PROCESS AND REPORTING. FEATURES NOT DIMENSIONED ARE DEFINED BY THE 3-D SOURCE FILE. WHEN REQUIRED BY HP/IEC ENGINEERING, UNDIMENSIONED FEATURES SHALL BE MEASURED FROM THE PRIMARY DATUMS AS SHOWN ON THIS DRAWING APPLYING THE DIMENSIONAL TOLERANCE AS SPECIFIED WITHIN THE DRAWING. TOLERANCES SHALL BE APPLIED TO FEATURE SIZE AND LOCATION AS APPLICABLE. UPON APPROVAL OF THE TVR BY THE HP/IEC DESIGN AND TOOLING ENGINEERING, 3D SOURCE FILE DIMENSIONAL REQUIREMENTS WILL BE DEEMED TO HAVE BEEN MET.
 - DRAWING NOTE FOR PAINTED SHEET METAL PART
COVER MASK WHILE PAINTING, NO OVERSPREAD ALLOW [BY USING TAPE]
COVER MASK WHILE PAINTING , OVERSPREAD IS ALLOW, NEED TO GET IEC APPROVAL FOR OVERSPREAD FAI. [BY USING FIXTURE]
3MM EXTEND FROM TANGENT POINT OF RADIUS [START LINE OF PAINTED AREA]
 - GENERAL: THE PRODUCT (PART) MUST COMPLY WITH THE INVENTEC DOCUMENT, INVENTEC HAZARDOUS SUBSTANCE FREE (HSF) MANAGEMENT STANDARD.
ADDITIONAL: THE PRODUCT (PART) MUST COMPLY WITH HALOGEN FLAME RETARDANTS AND POLYVINYL CHLORIDE (PVC) REQUIREMENT OF INVENTEC HSF MANAGEMENT STANDARD.



LAST: <32>

ECO NO.	INITIAL
---------	---------

	CUSTOMER P/N		ASSY CODE			
<div>THIRD ANGLE</div> <div></div>	DRN DANIEL CHEN	CHKD SMARK LEE	<div>Inventec</div>			
	DES ENG DANIEL CHEN	RESP ENG SMARK LEE				
<div>TOLERANCE</div> <div>< ~49.99 ±0.15</div> <div>50~99.99 ±0.20</div> <div>100~199.99 ±0.25</div> <div>200~399.99 ±0.30</div> <div>400~< ±0.35</div> <div>Angle ±1°</div>	UNIT MILLIMETER	DATE 2014/10/15	BRACKET,FAN,REAR,SGCC 0.8MM			
	STAGE Design		DOCUMENT NUMBER			
	PROE FILE 6053B1146001-FAN-LEFT-RVS-CTN		MEDIA	CODE	NUMBER	REV
	DRW FILE 6053B1146001-FAN-LEFT-RVS-CRN		K	MD	6053B1146001-0-0	A
			SCALE		1.000	SHEET 2 of 2