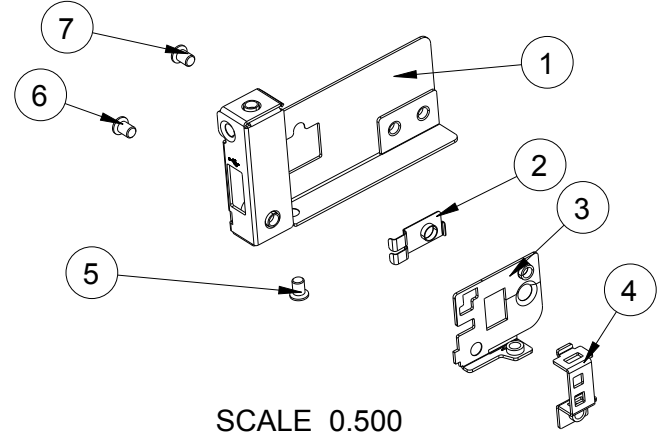


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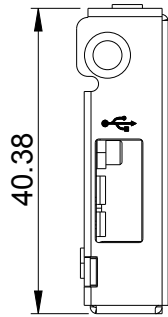
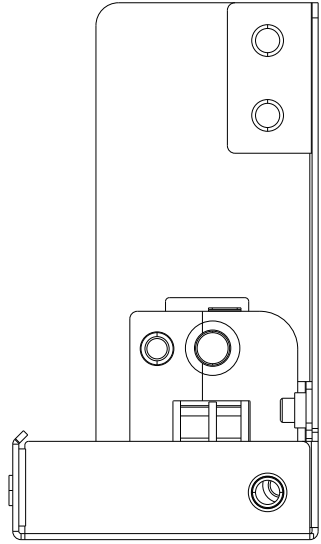
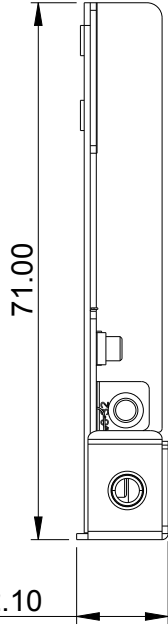
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DO NOT COPY

LEGEND

PART NO	REV	REMARK
6070B0990101	A01	



SCALE 0.500



7		6052B0066801	SCREW,FLAT,#6-32,4mm,MACH,5.3mm,1.0mm
6		6052B0066801	SCREW,FLAT,#6-32,4mm,MACH,5.3mm,1.0mm
5		6052B0066801	SCREW,FLAT,#6-32,4mm,MACH,5.3mm,1.0mm
4		6053B1129901	HOLDER,USB,FRONT,SUS304,0.8MM
3		6053B1234601	BRACKET,USB,REAR,SGCC 0.8MM,HOLDER
2		6053B1129701	CLIP,USB,SHIELDING,18.43mm,8mm,0.2mm
1		6053B1226001	CAGE,REAR,I/O,SGCC,0.8MM
ITEM	REFDES	IEC P/N	DESCRIPTION

CUSTOMER P/N	ASSY CODE
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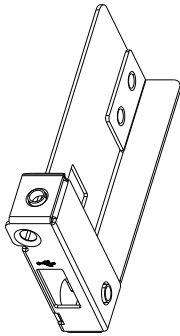
THIRD ANGLE 	DRN SMARK LEE	CHKD SMARK LEE
	DES ENG SMARK LEE	RESP ENG SMARK LEE
TOLERANCE  < ~49.99 ±0.20 50~199.99 ±0.25 200~299.99 ±0.30 300~ ±0.35  Angle ±1°	UNIT MILLIMETER	DATE 2015/06/30
	STAGE Design	
	PROE FILE 1597B0594801_EMB_REAR_RDW	
	DRW FILE 6070B0990101_IO-BRK_ASSY_RDW	

<b>Inventec</b>			
SET,BRACKET,USB,REAR,IO,ASSY			
DOCUMENT NUMBER			
MEDIA	CODE	NUMBER	REV
K	AD	6070B0990101-0-0	A
SCALE 1.000		SHEET 2 of 2	

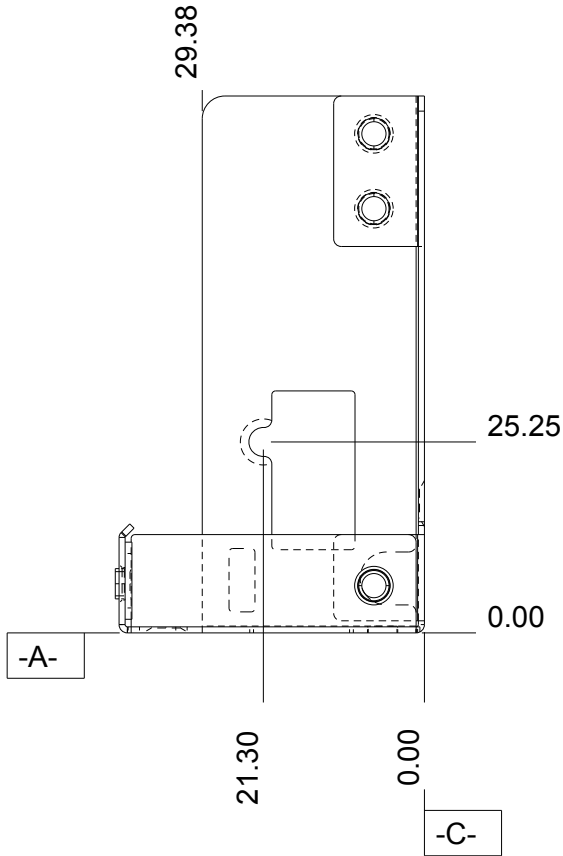
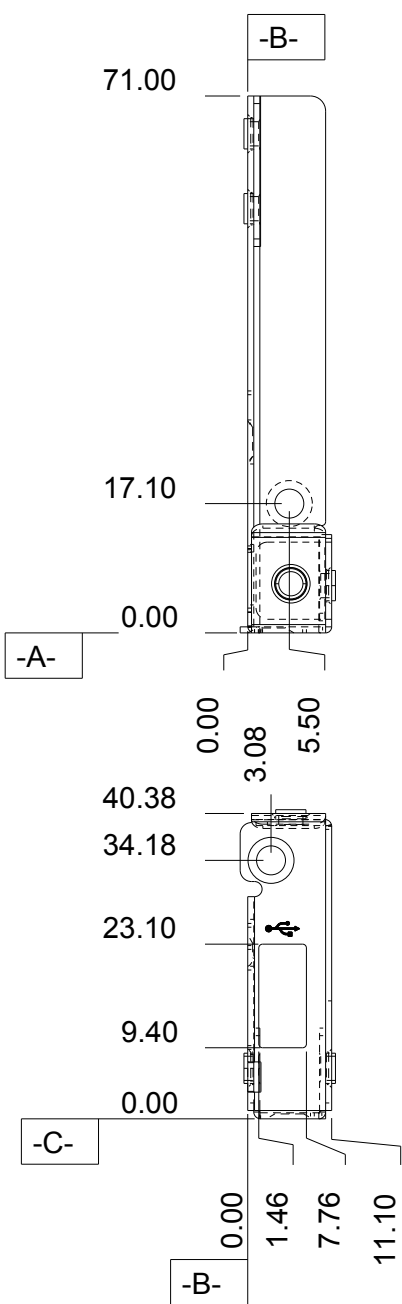
ECO NO.	INITIAL
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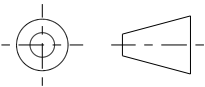
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DO NOT COPY


LEGEND		
PART NO	REV	REMARK
6053B1226001	A01	

[illegible]

SCALE 0.600



<p>THIRD ANGLE</p> 	DRN	CHKD
	SMARK LEE	SMARK LEE
<p>TOLERANCE</p> <p>&lt; ~49.99 ±0.15</p> <p>50~99.99 ±0.20</p> <p>100~199.99 ±0.25</p> <p>200~399.99 ±0.30</p> <p>400~&lt; ±0.35</p> <p>Angle ±1°</p>	DES ENG	RESP ENG
	SMARK LEE	SMARK LEE
	UNIT	DATE
	MILLIMETER	2015/07/06
STAGE		
Design		
PROE FILE		
6053B1226001-RIO-SDMG-BRK-RDW		
DRW FILE		
6053B1226001-RIO-SDMG-BRK-RDW		

CUSTOMER P/N		ASSY CODE			
DRN SMARK LEE	CHKD SMARK LEE				
DES ENG SMARK LEE	RESP ENG SMARK LEE				
UNIT MILLIMETER	DATE 2015/07/06	CAGE,REAR,I/O,SGCC,0.8MM			
STAGE Design		DOCUMENT NUMBER			
PROE FILE 6053B1226001-RIO-SDMG-BRK-RDW		MEDIA	CODE	NUMBER	REV
DRW FILE 6053B1226001-RIO-SDMG-BRK-RDW		K	MD	6053B1226001-0-0	B
		SCALE 1.000		SHEET 2 of 2	

ECO NO.

INITIAL

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# LEGEND

PART NO	REV	REMARK
6053B1129701	A01	

NOTE: (UNLESS OTHERWISE SPECIFIED)

1. MATL: SUS301 CSP 1/2H (SPRING TEMPER BASED ON JIS G 4313)

0.200 mm THK

2. QUALITY CONTROL DIMENSION.

3. IDENTIFICATION: (IT CAN BE READ AT 18 INCHES)

MARK PART APPROX. WHERE SHOWN WITH THE FOLLOWING INFORMATION:

(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. SURFACE GRADE:

UNLESS SPECIAL SPECIFIED SURFACE IN THIS DOCUMENT,

OTHERS SURFACES GRADES NEED COMPLY WITH IEC SPEC 3T272RP021 COSMETIC

REQUIREMENT SURFACE GRADE SX.

5. PARTS TO BE PACKAGED FOR SHIPMENT PER HP SPEC 109893-000.

6. BURR HEIGHT BELOW 5% OF MATERIAL THICKNESS PER IEC SPEC.

7. COIN ALL EDGES.

8. ALL INTERNAL BEND RADII ARE DEFINED BY 3D MODEL. DEVIATIONS FROM

THE 3D MODEL BEND RADII MUST BE APPROVED BY HP/IEC ENGINEERING.

9. MIN BEND RELIEF.

10. 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 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 IEC

DESIGN AND TOOLING ENGINEERING, 3D SOURCE FILE DIMENSIONAL REQUIREMENTS

WILL BE DEEMED TO HAVE BEEN MET.

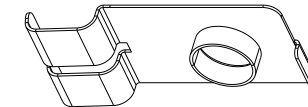
11. FOR PROGRESSIVE TOOLING, NEED TO AVOID CARRY POINT AT THE SPECIFIED AREA.

12. 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

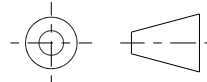


SCALE 2.000

CUSTOMER P/N

ASSY CODE

THIRD ANGLE



DRN

SMARK LEE

CHKD

SMARK LEE

DES ENG

SMARK LEE

RESP ENG

SMARK LEE

TOLERANCE

UNIT

MILLIMETER

DATE

2014/12/10

STAGE

RTM

PROE FILE

6053B1129701-SPRING-USB-HUN32

DRW FILE

6053B1129701-SPRING-USB-HUN32

Angle  $\pm 1^\circ$

CLIP,USB,SHIELDING

DOCUMENT NUMBER

MEDIA

CODE

NUMBER

REV

K

MD

6053B1129701-0-0

A

SCALE

3.000

SHEET 2 of 2

ECO NO.

INITIAL

LAST: <9>

ADD:

DELETE:



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# LEGEND

PART NO	REV	REMARK
6053B1129901	A01	

NOTE: (UNLESS OTHERWISE SPECIFIED)

1. MATL: SUS304 CSP 1/2H (SPRING TEMPER BASED ON JIS G 4313)

0.800 mm THK

2. QUALITY CONTROL DIMENSION.

3. IDENTIFICATION:(IT CAN BE READ AT 18 INCHES)

MARK PART APPROX. WHERE SHOWN WITH THE FOLLOWING INFORMATION:

(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. SURFACE GRADE:  
UNLESS SPECIAL SPECIFIED SURFACE IN THIS DOCUMENT,  
OTHERS SURFACES GRADES NEED COMPLY WITH IEC SPEC 3T272RP021 COSMETIC  
REQUIREMENT SURFACE GRADE SX.

5. PARTS TO BE PACKAGED FOR SHIPMENT PER IEC SPEC 3T272RP01SDXD.

6. BURR HEIGHT BELOW 5% OF MATERIAL THICKNESS PER IEC SPEC.

7. COIN ALL EDGES.

8. ALL INTERNAL BEND RADII ARE DEFINED BY 3D MODEL. DEVIATIONS FROM  
THE 3D MODEL BEND RADII MUST BE APPROVED BY DDIEC ENGINEERING.

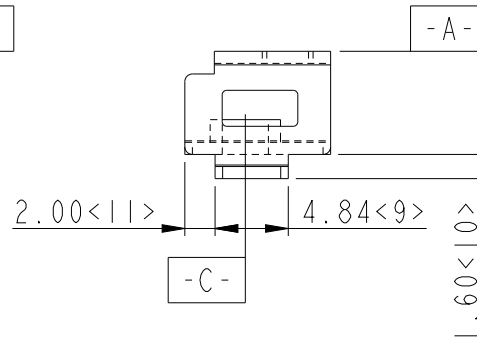
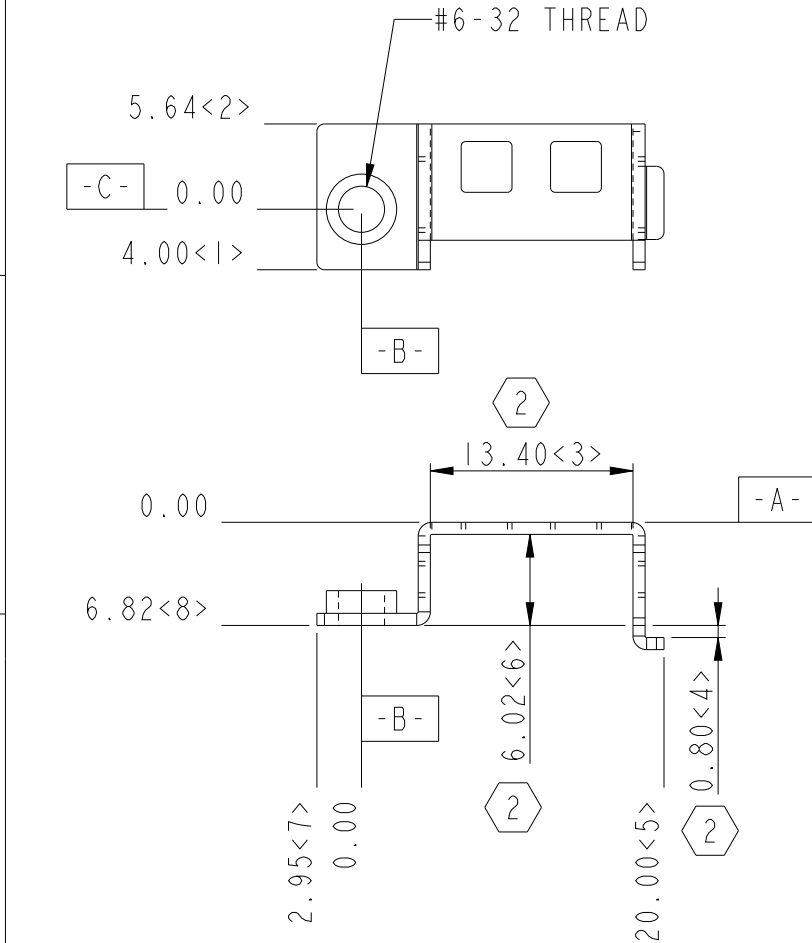
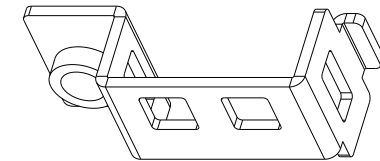
9. MIN BEND RELIEF.

10. 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 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 IEC  
DESIGN AND TOOLING ENGINEERING, 3D SOURCE FILE DIMENSIONAL REQUIREMENTS  
WILL BE DEEMED TO HAVE BEEN MET.

11. FOR PROGRESSIVE TOOLING, NEED TO AVOID CARRY POINT AT THE SPECIFIED AREA.

12. 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: <11>  
ADD:  
DELETE:

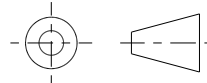
ECO NO.

INITIAL

CUSTOMER P/N

ASSY CODE

THIRD ANGLE



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

SMARK LEE

DES ENG

SMARK LEE

UNIT

MILLIMETER

STAGE

RTM

PROE FILE

6053B1129901\_BRK-USB\_HUN32

DRW FILE

6053B1129901\_BRK-USB\_HUN32

CHKD

SMARK LEE

RESP ENG

SMARK LEE

DATE

2014/12/10

**Inventec**

HOLDER, USB, FRONT, SUS304, 0.8MM

DOCUMENT NUMBER

MEDIA

CODE

NUMBER

REV

K MD

6053B1129901-0-0

A

SCALE 2.000

SHEET 2 of 2

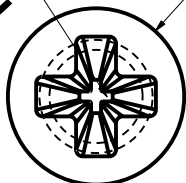
**INVENTED** **CONFIDENTIAL**  
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NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL:  
AISI 1018 TO 1022 LOW CARBON STEEL.  
FINISH: 1)MINIMUM 5 MICRONS BLUE ZINC PLATED.  
2)THE HARDNESS OF SCREW SURFACE MUST BE OVER HV450  
BY HEAT TREATMENT DURING MANUFACTURING PROCESS.
2. QUALITY CONTROL DIMENSION.
3. NO SHARP EDGES/CONERS ON APPERANCE.
4. PART TO BE PACKAGED TO PREVENT DAMAGE IN HANDLING
5. DIMENSIONS SHOWN ARE CONSIDERED INSPECTION DIMENSIONS  
AND SHALL BE USED DURING THE INSPECTION PROCESS AND  
REPORTING. FEATURES NOT DIMENSIONED ARE DEFINED BY  
3-D SOURCE FILE. UNDIMENSIONED FEATURE SHALL BE MEASURED  
FROM THE PRIMARY DATUMS AS SHOWN ON THIS DRAWING.
6. MATERIAL AND SURFACE FINISH MUST BE RoHS COMPLIANCE.

PHILLIP #2-

$\varnothing 5,30_{-0,20}^{+0}$



2  
120, 0° - 5.0°

2

3

0.20

---

U

-#6 - 32 MACH

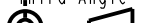
last: 5

PRO-E NAME: 6052B00668\_SCREW-632X5-MACH-FL

DRW NAME : 6052B00668\_B\_SCREW-632X5

DATE : 2006/10/19

REVISION HISTORY			
IRI	CHANGE NO.	DOC REV	DATE MM/YYYY
IN	INITIAL	A	06/2006
IN	2006-ECO-018067	B	11/2006

 THIRD ANGLE		DRN LINGER LIN DATE 2006/06/08		InveniteESC	
DO NOT SCALE DRAWING		CHKD CP CHUNG DATE 2006/06/08		SCREW #6-32 5MM	
UNIT Millimeter		DES ENG LINGER LIN DATE 2006/06/01		MACH FLAT	
TOLERANCE		RESP ENG TB TSAI DATE 2006/06/27		DOCUMENT NUMBER	
.X = ±0.25 .XX = ±0.10 ANGEL = ±1		MFG ENG TC HU DATE 2006/06/27		SIZE K MD	CODE 6052B00668-0-ACD
TOP DOC K-AD-6070B01325-0-ACD		DATE 2006/06/27		NUMBER REV	B
SCALE: 10.000				SHEET 1 OF 1	