REV No.	DETAILS OF MODIFICATION	SHEET No.	GRID REF	DATE	DCR No.
					/

RELEASED BY: Liangliang GENG	CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidential under the terms of the ASIPP agreement.This information shall not be transmitted to anyone who is not authorised to receive it.	ASIPP	
APPROVED BY: Yu WU			
REVIEWED BY: Houxiang HAN			
PROCESS ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK	SUB SUPPLIER	/
DRAWN BY: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA		
SHEET SIZE: 420x297 / SCALE: 1:1	SHEET NAME: *MODIFICATION Page*	MATERIAL	/
THIRD ANGLE PROJECTION	DRAWING NUMBER: *SCC/IED15* / QUANTITY: / / SHEET: / / TIME: 07-29-2025 / REVISION: V1.0		

GENERAL GEOMETRICAL TOLERANCES(ISO 7168)

Table 1.
Permissible deviations for external radii,and chamfer heights.
(values in millimetres)

Tolerance Class		permissible deviations for basic size range				
Designation	Description	0.5[1] up to 3	over 3 up to 6	over 6 up to 30	over 30 up to 120	over 120 up to 400
f	fine	±0.2	±0.5	±1	±2	±4
m	medium					
g	coarse	±0.2	±1	±2	±4	±8
sg	very coarse					

1) For nominal sizes below 0.5mm,the deviations shall be indicated adjacent to the relevant nominal size(s).

Table 2.
Permissible deviations for linear dimensions except for external radii and chamfer heights
(values in millimetres)

Tolerance Class		permissible deviations for basic range											
Designation	Description	0.5[1] up to 10	over 3 up to 6	over 6 to 30	over 30 up to 120	over 120 up to 400	over 400 up to 1000	over 1000 up to 2000	over 2000 to 4000	over 4000 to 8000	over 8000 to 12000	over 12000 to 16000	over 16000 to 20000
f	fine	±0.05	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	±0.8	-	-		-
m	medium	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	±4	±5	±6
g	coarse	±0.15	±0.2	±0.5	±0.8	±1.2	±2	±3	±4	±5	±6	±7	±8
sg	very coarse	-	±0.5	±1	±1.5	±2	±3	±4	±6	±8	±10	±12	±12

1) For nominal sizes below 0.5mm,the deviations shall be indicated adjacent to the relevant nominal size(s).

Table 3.
Permissible deviations for angular dimensions (values in millimetres)

Tolerance Class		permissible deviations for basic range				
Designation	Description	up to 10	over 10 up to 50	over 50 to 120	over 120 up to 400	over 400
f	fine	±1°	±0°30'	±0°20'	±0°10'	±0°5'
m	medium					
g	coarse	±1°30'	±1°	±0°30'	±0°15'	±0°10'
sg	very coarse	±3°	±2°	±1°	±0°30'	±0°20'

GENERAL TOLERANCES(ISO 2768-2:1989(E))

Table 4.
General Tolerances on perpendicularlty

values in millimetres ISO 2768-2:1989(E)				
Tolerance Class	Perpendicularlty tolerances for ranges of nominal lengths of the shorter side			
	up to 100	over 100 up to 300	over 300 up to 1000	over 1000 up to 3000
H	0.2	0.3	0.4	0.5
K	0.4	0.6	0.8	1
L	0.6	1	1.5	2

Table 5.
General Tolerances on straightness and flatness tolerance

values in millimetres ISO 2768-2:1989(E)						
Tolerance Class	straightness and flatness tolerance for ranges of nominal lengths					
	up to 10	over 10 up to 30	over 30 up to 100	over 100 up to 300	over 300 up to 1000	over 1000 up to 3000
H	0.02	0.05	0.1	0.2	0.3	0.4
K	0.05	0.1	0.2	0.4	0.6	0.8
L	0.1	0.2	0.4	0.8	1.2	1.6

Table 6.
General Tolerances on symmetry tolerance

values in millimetres ISO 2768-2:1989(E)				
Tolerance Class	symmetry tolerance for ranges of nominal lengths			
	up to 100	over 100 up to 300	over 300 up to 1000	over 1000 up to 3000
H	0.5			
K	0.6		0.8	1
L	0.6	1	1.5	2

Table 7.
General Tolerances on circular run-out tolerance

values in millimetres ISO 2768-2:1989(E)	
Tolerance Class	circular run-out tolerance
H	0.1
K	0.2
L	0.5
Yuan Zhou Tiao Dong	

GENERAL TOLERANCES FOR WELDED CONSTRUCTIONS(ISO 13920)

Table 8.
Tolerances for angular dimensions

Tolerance Class	Range of nominal sizes,l,in mm (length or shorter leg)		
	Up to 400	Over 400 up to 1000	Over 1000
	Tolerances,△a, (in degrees and minites)		
A	±0°20'	±0°15'	±0°10'
B	±0°45'	±0°30'	±0°20'
C	±1°	±0°45'	±0°30'
D	±1°30'	±1°15'	±1°
	Calculated and rounded tolerances,t,in mm/m[1])		
A	±6	±4.5	±3
B	±13	±9	±6
C	±18	±13	±9
D	±26	±22	±18

[1])The value indicated in mm/m corresponds to the tangent value of the gengral tolerance.It is to be multiplied by the length,in m,of the shorter leg.

Table 9.
Straightness,flatness and parallelism tolerances

Tolerance Class	Range of nominal sizes,l,in mm(relates to longer side of the surface)									
	Over 30 up to 120	Over 120 up to 400	Over 400 up to 1000	Over 1000 up to 2000	Over 2000 up to 4000	Over 4000 up to 8000	Over 8000 up to 12000	Over 12000 up to 16000	Over 16000 up to 20000	Over 20000
	Tolerances,t,in mm									
A	0.5	1	1.5	2	3	4	5	6	7	8
B	1	1.5	3	4.5	6	8	10	12	14	16
C	1.5	3	5.5	9	11	16	20	22	25	25
D	2.5	5	9	14	18	26	32	36	40	40

Table 10.
Tolerances for linear dimensions

Tolerance Class	Range of nominal sizes,l,in mm									
	2 to 30	Over 30 up to 120	Over 120 up to 400	Over 400 up to 1000	Over 1000 up to 2000	Over 2000 up to 4000	Over 4000 up to 8000	Over 8000 up to 12000	Over 12000 up to 16000	Over 16000 up to 20000	Over 20000
	Tolerances,t,in mm										
A	±1	±1	±1	±2	±3	±4	±5	±6	±7	±8	±9
B		±2	±2	±3	±4	±6	±8	±10	±12	±14	±16
C		±3	±4	±6	±8	±11	±14	±18	±21	±24	±27
D		±4	±7	±9	±12	±16	±21	±27	±32	±36	±40

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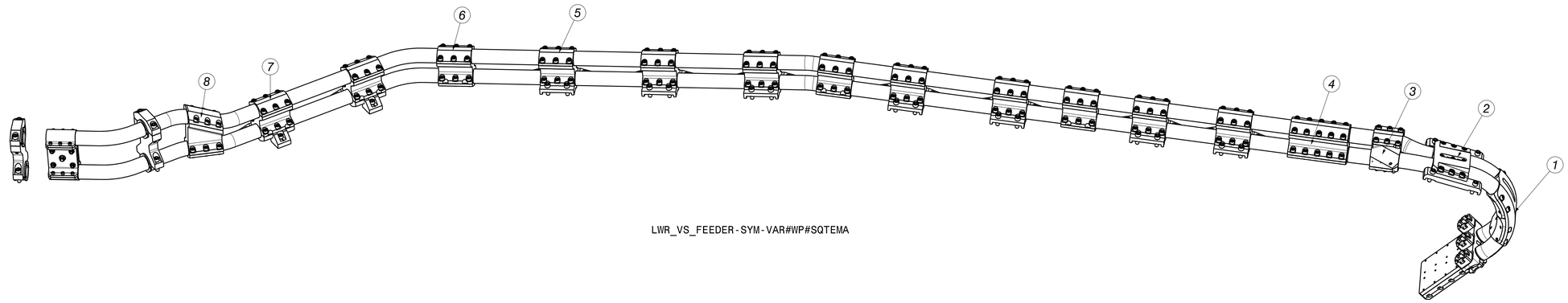
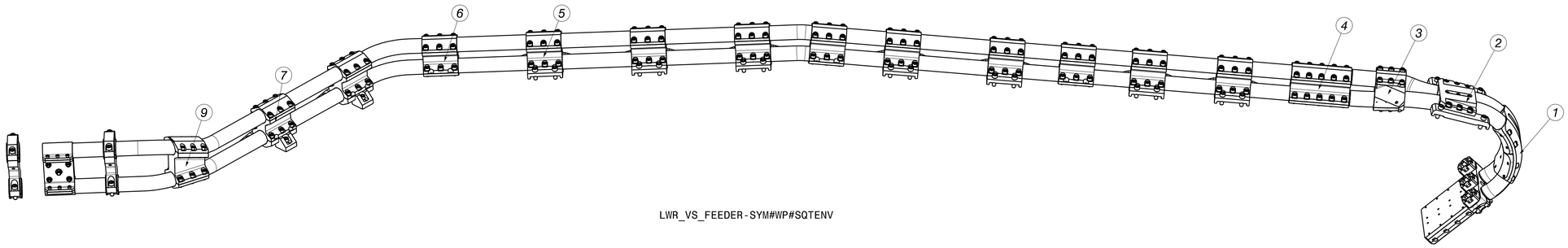
APPROVED BY: Yu WU			
REVIEWED BY: Houxiang HAN			Applied Superconducting Engineering and Technology Division
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK		
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA		
SHEET SIZE: 841x594 / SCALE: /	SHEET NAME: /	MATERIAL: /	
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15	QUANTITY: / NO.OF SHTS: / SHEET: /	TIME: 07-29-2025 REVISION: V1.0



LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA



LWR_VS_FEEDER-SYM#WP#SQTENV

NOTE:
1.THIS DRAWING IS USED TO EXPRESS THE ASSEMBLY RELATIONSHIP BETWEEN THE PART AND THE CONDUCTOR.
2.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-M&K.
3.THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURR,NO SCARATCH AND ACUTE EDGE CHAMFERED.
4.DIMENSIONS NOT PRESENT ARE ACCORDING TO 3D FILE.
5.DURING INSTALLATION, A LASER TRACKER IS USED TO ASSIST IN POSITIONING, AND AFTER INSTALLATION, THE INSTALLATION POSITION IS VERIFIED.

ITEM	DRAWING NUMBER	NAME	QUANTITY	MATERIAL	Weight(kg)
9	SCC/IED15.09	IVC_CLAMP_01-VAR_LVF#WP#XHCMRF	1	/	
8	SCC/IED15.08	IVC_CLAMP_01-SYM_LVF#WP#XHCJEA	1	/	
7	SCC/IED15.07	IVC_BRACKET_01_LVF#WP#SDXRSA	4	/	
6	SCC/IED15.06	IVC_CLAMP_02_LVF#WP#SDYF2Y	6	/	
5	SCC/IED15.05	IVC_BRACKET_02_LVF#WP#SDWXNS	14	/	
4	SCC/IED15.04	IVC_CLAMP_03_LVF#WP#XH7BM6	2	/	
3	SCC/IED15.03	IVC_CLAMP_04-SYM_LVF#WP#V9J26P	2	/	
2	SCC/IED15.02	IVC_BRACKET_03_LVF#WP#SDXRQH	2	/	
1	SCC/IED15.01	IVC_CLAMP_05_LVF#WP#V9HUV5	2	/	

RELEASED BY: Liangliang GENG
APPROVED BY: Yu WU
REVIEWED BY: Houxiang HAN
REPONSIBLE ENGINEER: Jing JIN
DESIGNER: Zhiyu WANG
SHEET SIZE: 841x594
SCALE: /

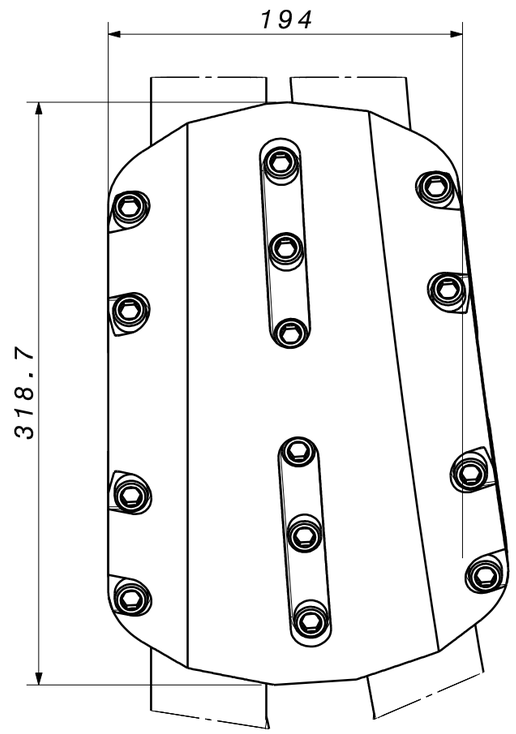
PROJECT NAME

ASIPP
Applied Superconducting Engineering and Technology Division

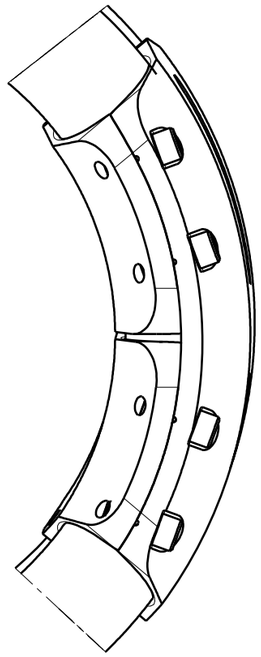
WHERE TO BE USED: LOWER_VS_FEEDER_FOAK
DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA
SHEET NAME: /
MATERIAL: /

THIRD ANGLE PROJECTION

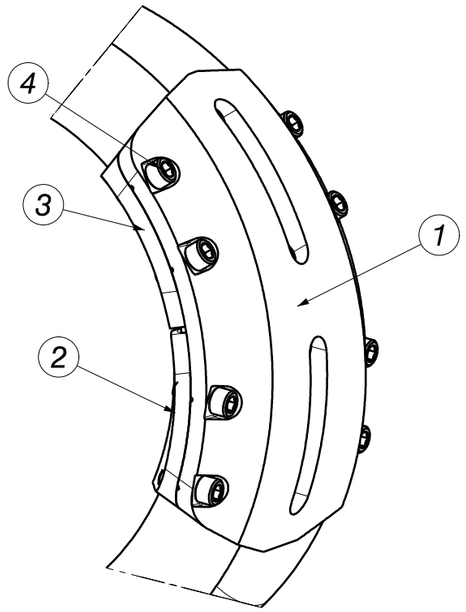
SHEET NUMBER	QUANTITY	NO.OF SHTS	SHEET	TIME	REVISION
SCC/IED15	1	1	32	07-29-2025	V1.0



Front view



Left view



Isometric view

ITEM	DRAWING NUMBER	NAME	QTY	MATERIAL	WEIGHT	REMARKS
4	/	CYLINDER_HEAD_SCREW_ISO_4762_M12X30#XV4PJ9	14	Inconel 718	0.11	/
3	SCC/IED15.01.03	LOWER-PART-B_CLAMP_05_LVF#2CHSKW	1	Inconel 625	1.838	/
2	SCC/IED15.01.02	LOWER-PART-A_CLAMP_05_LVF#V9HUT4	1	Inconel 625	0.962	/
1	SCC/IED15.01.01	UPPER_CLAMP_05_LVF#V9HUR7	1	Inconel 625	0.042	/

NOTE:
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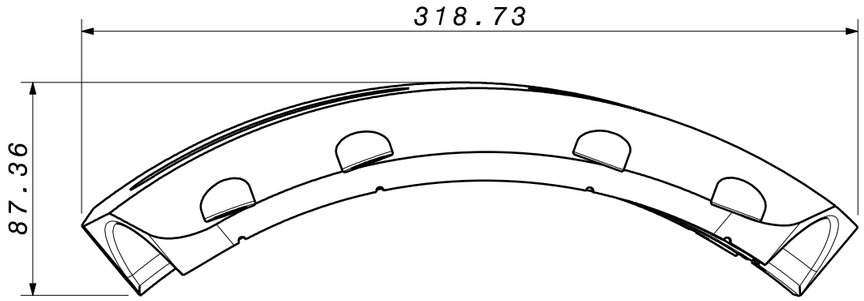
RELEASED BY: Liangliang GENG
APPROVED BY: Yu WU
REVIEWED BY: Houxiang HAN
REPONSIBLE ENGINEER: Jing JIN
DESIGNER: Zhiyu WANG
SHEET SIZE: 420x297
SCALE: /
THIRD ANGLE PROJECTION

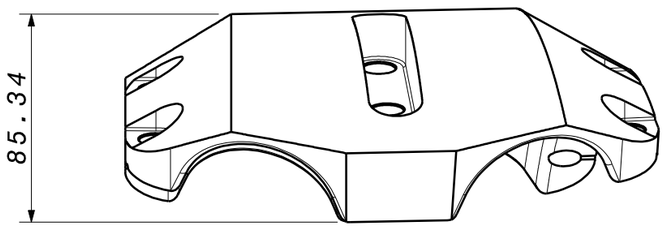
PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED

WHERE TO BE USED: LOWER_VS_FEEDER_FOAK
DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA
SHEET NAME: IVC_CLAMP_05_LVF#WP#V9HUV5
SHEET NUMBER: SCC/IED15.01
QUANTITY: 2
NO.OF SHTS: 2
SHEET: 32
TIME: 07-29-2025
REVISION: V1.0
MATERIAL: /

ASIPP
Applied Superconducting Engineering and Technology Division

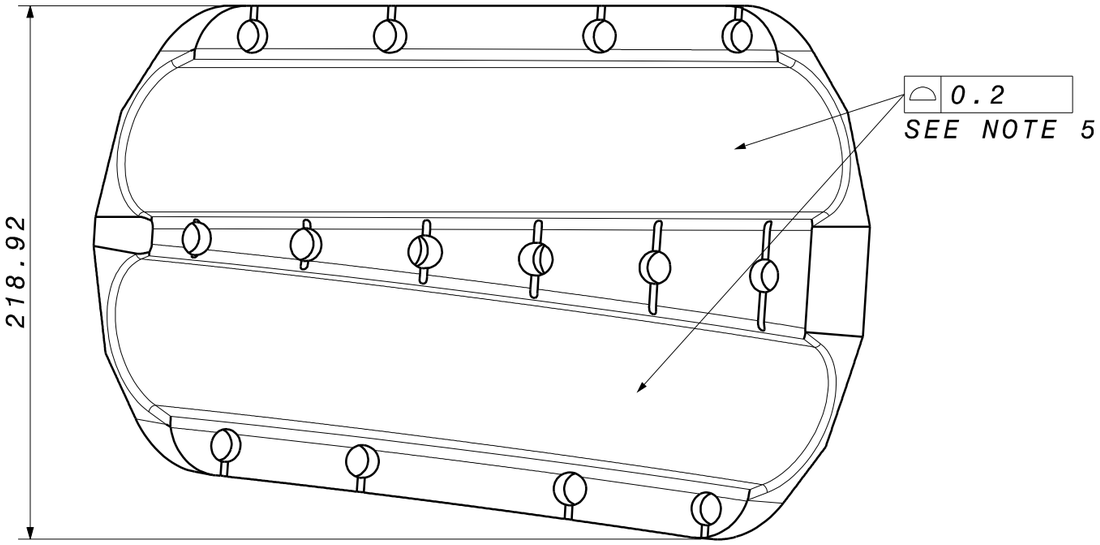


Front view

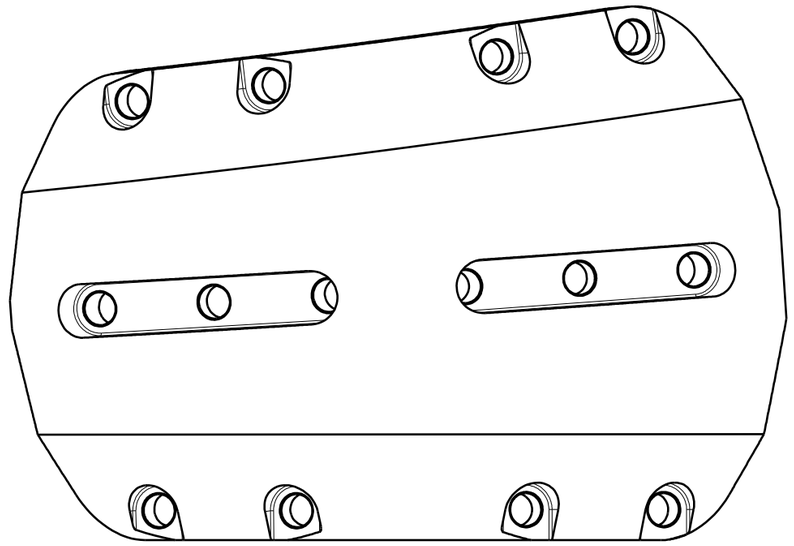


Right view

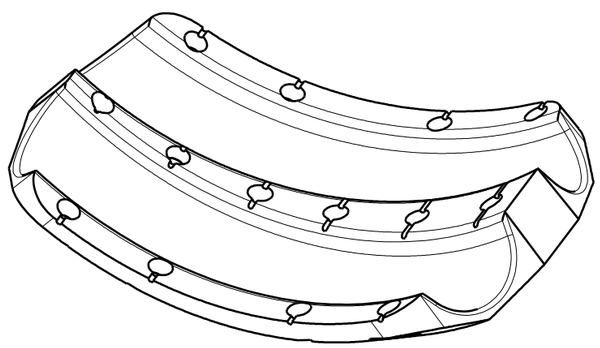
Ra3.2
ALL



Bottom view



Top view



Isometric view

Note:
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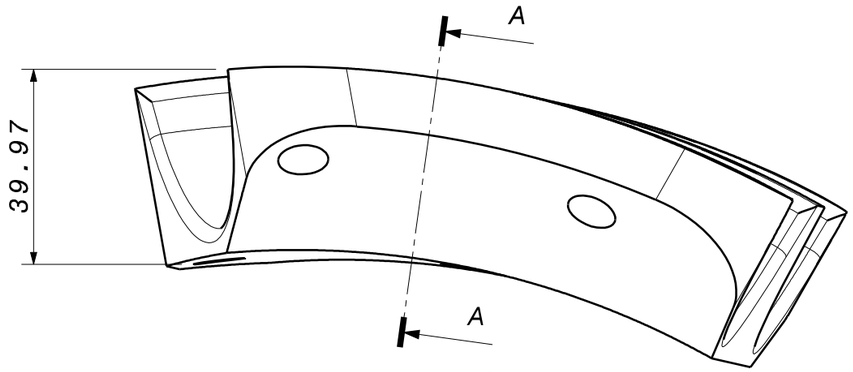
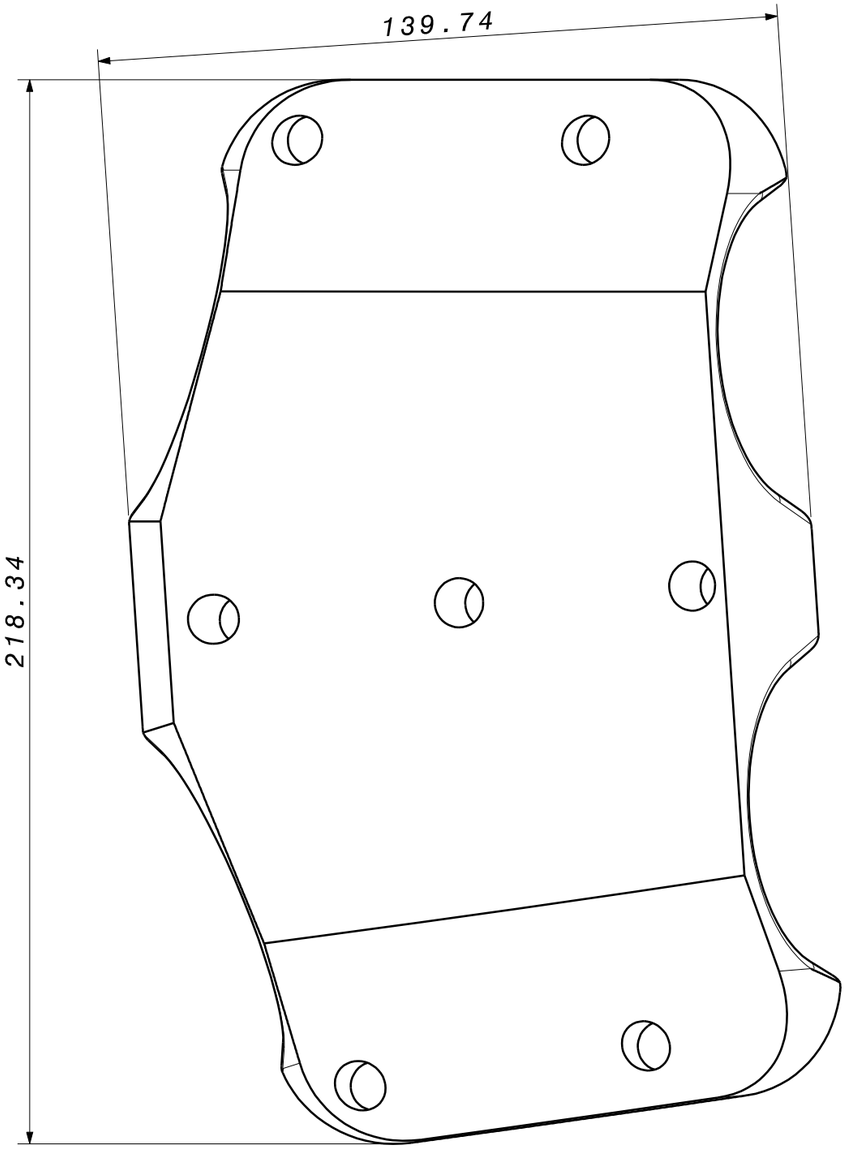
2.THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURRNO SCARATCH AND ACUTE EDGE CHAMFERED.
3.DIMENSIONS NOT PRESENT ARE ACCORDING TO 3D FILE.
4.THE PART NAME AND S/N ARE MAKED IN THE SUITABLE LOCATION.

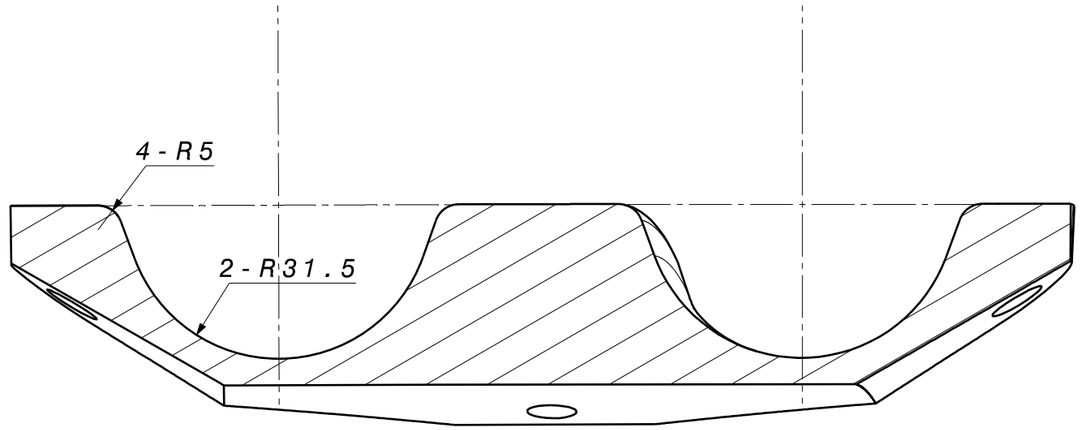
RELEASED BY: Liangliang GENG	PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED. The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.						ASIPP
APPROVED BY: Yu WU							
REVIEWED BY: Houxiang HAN							Applied Superconducting Engineering and Technology Division
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: UPPER_CLAMP_05_LVF#V9HUR7				MATERIAL: Inconel 625		
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.01.01	QUANTITY: 2	NO.OF SHTS: 3	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	



Front view



Bottom view



Section view A-A

Ra3.2
ALL

Note:
1.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-m&K.
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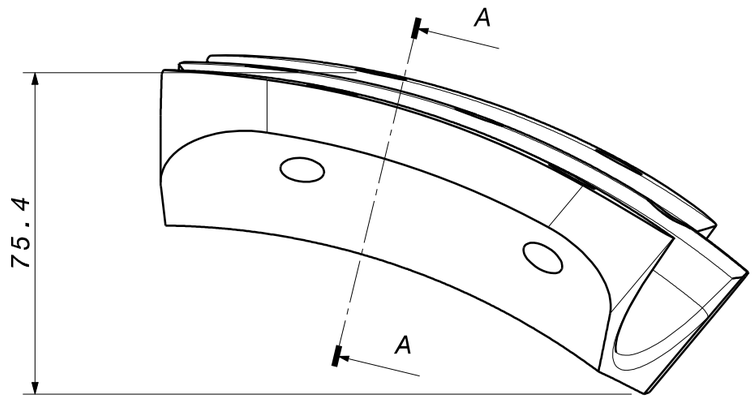
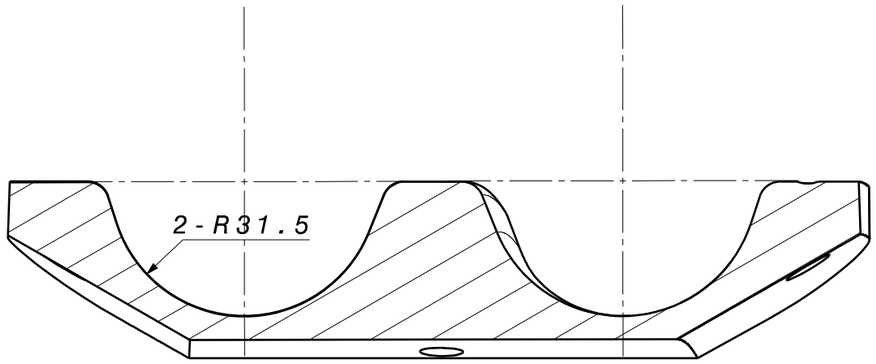
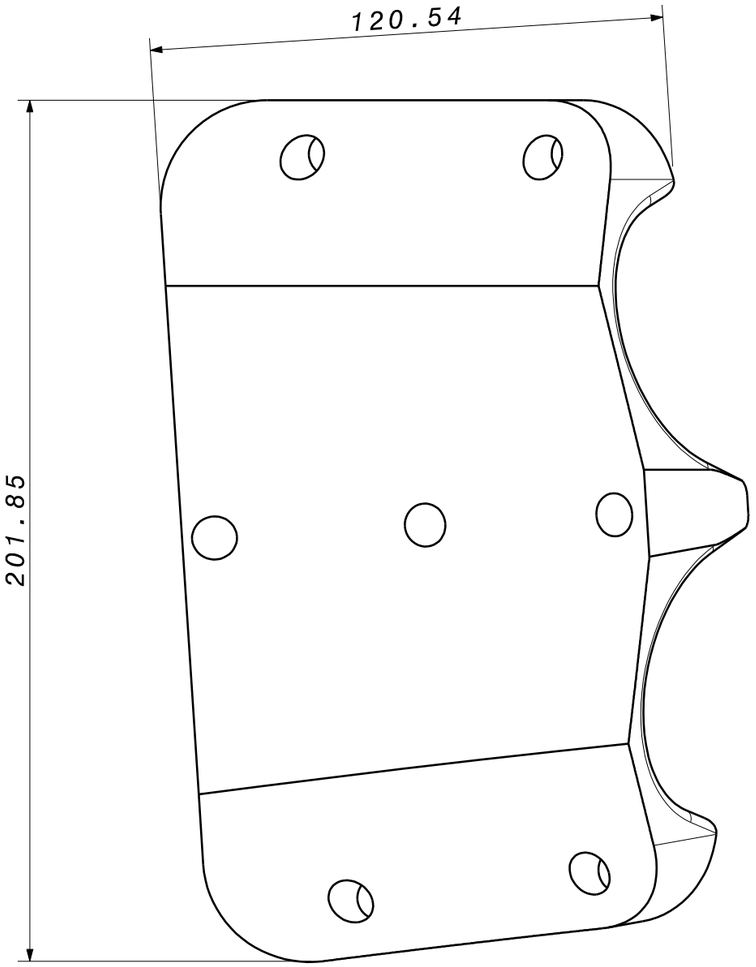
APPROVED BY: Yu WU							Applied Superconducting Engineering and Technology Division
REVIEWED BY: Houxiang HAN							
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: UPPER_CLAMP_05_LVF#V9HUR7				MATERIAL: Inconel 625		
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.01.01	QUANTITY: 2	NO.OF SHTS: 4	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	



Front view



Section view A-A



Bottom view

Ra3.2
ALL

Note:
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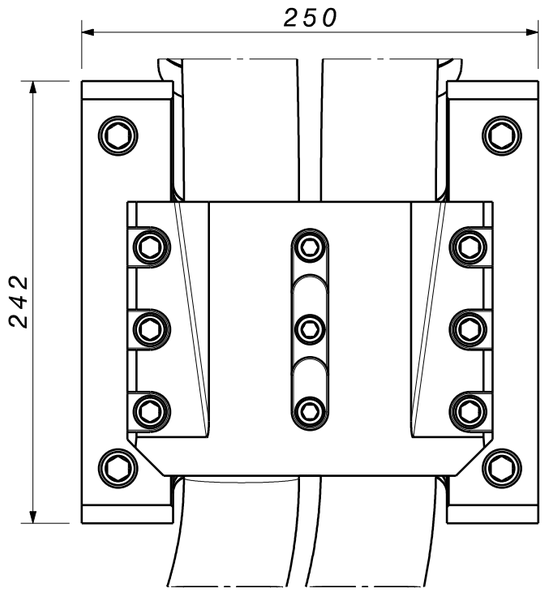
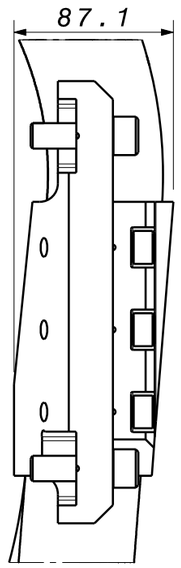
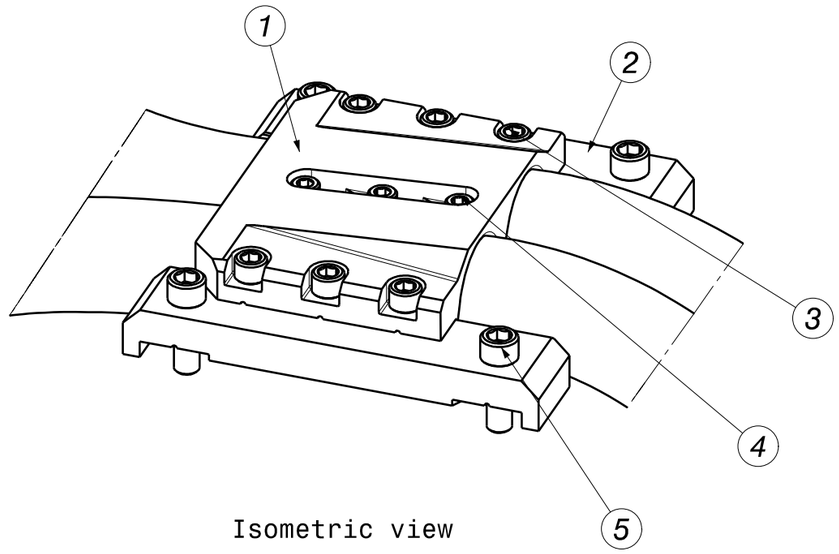
RELEASED BY Liangliang GENG	PROJECT NAME CONFIDENTIAL UNLESS AUTHORISED The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.						ASIPP	
APPROVED BY Yu WU								
REVIEWED BY Houxiang HAN								
REPONSIBLE ENGINEER Jing JIN	WHERE TO BE USED LOWER_VS_FEEDER_FOAK						*Applied Superconducting Engineering and Technology Division*	
DESIGNER Zhiyu WANG	DRAWING NAME LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA							
SHEET SIZE *420x297* / SCALE	SHEET NAME UPPER_CLAMP_05_LVF#V9HUR7					MATERIAL	Inconel 625	
THIRD ANGLE PROJECTION	SHEET NUMBER SCC/IED15.01.01	QUANTITY 2	NO.OF SHTS 5	SHEET 32	TIME 07-29-2025	REVISION V1.0		



Front view



Left view



Isometric view

ITEM	DRAWING NUMBER	NAME	QTY	MATERIAL	WEIGHT	REMARKS
5	/	CYLINDER_HEAD_SCREW_ISO_4762_M14X45#YANBCM		Inconel 718	0.356	/
4	/	CYLINDER_HEAD_SCREW_ISO_4762_M10X40#YR4C8A	3	Inconel 718	0.12	/
3	/	CYLINDER_HEAD_SCREW_ISO_4762_M12X30#XV4PJ9	6	Inconel 718	0.288	/
2	SCC/IED15.02.02	LOWER_BRACKET_03_LVF#SDXR68	1	Inconel 625	8.876	/
1	SCC/IED15.02.01	UPPER_BRACKET_03_LVF#SDXR89	1	Inconel 625	3.642	/

NOTE:
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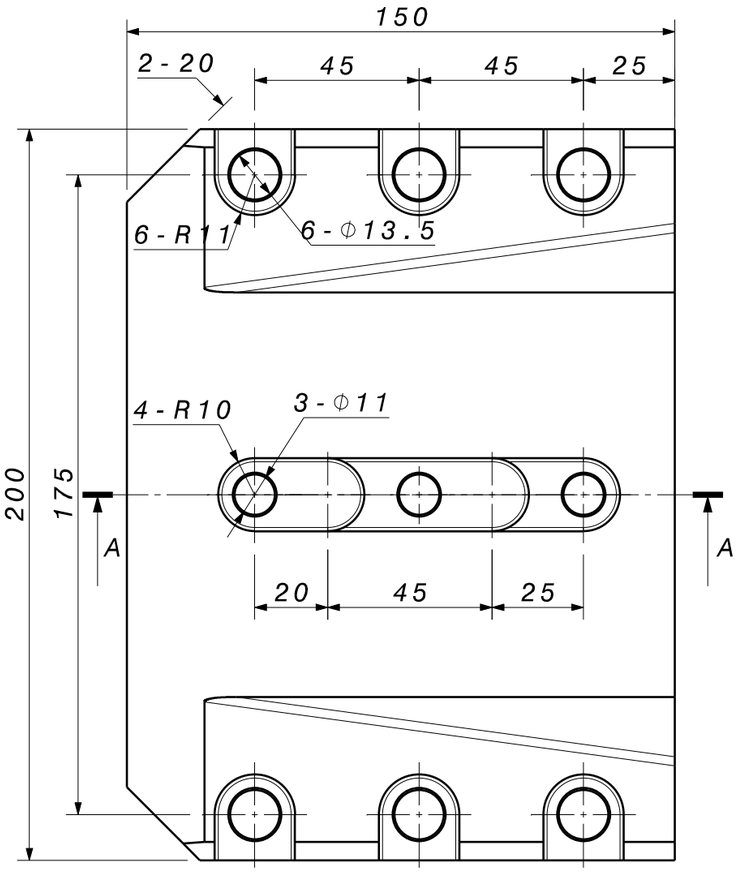
3. THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURR,NO SCARATCH AND ACUTE EDGE CHAMFERED.

RELEASED BY: Liangliang GENG
APPROVED BY: Yu WU
REVIEWED BY: Houxiang HAN
REPONSIBLE ENGINEER: Jing JIN
DESIGNER: Zhiyu WANG
SHEET SIZE: 420x297
SCALE: /
THIRD ANGLE PROJECTION

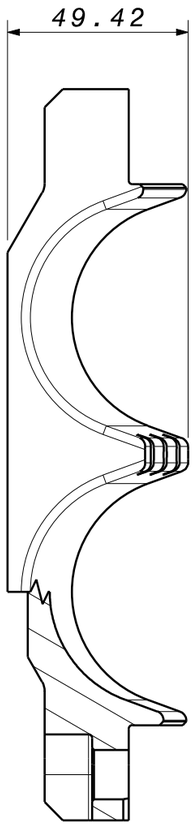
PROJECT NAME
CONFIDENTIAL UNLESS AUTHORISED

WHERE TO BE USED: LOWER_VS_FEEDER_FOAK
DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA
SHEET NAME: IVC_CLAMP_05_LVF#WP#V9HUV5
SHEET NUMBER: SCC/IED15.02
QUANTITY: 2
NO.OF SHTS: 6
SHEET: 32
TIME: 07-29-2025
REVISION: V1.0

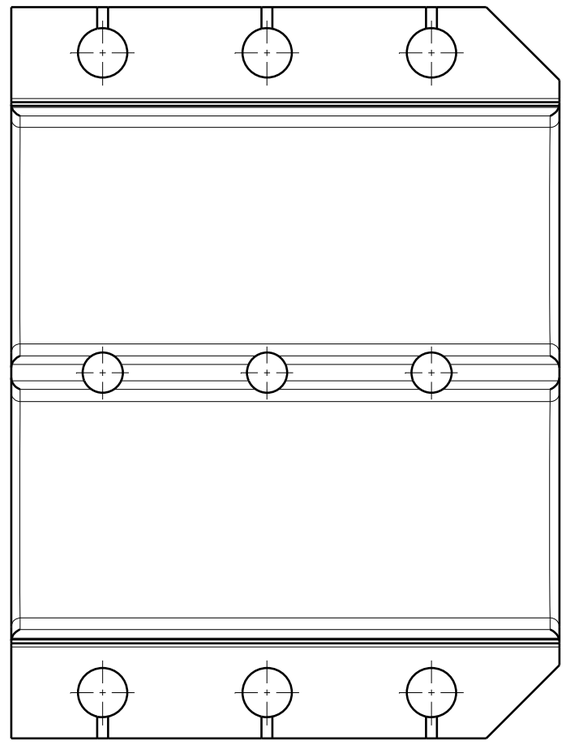
ASIPP
Applied Superconducting Engineering and Technology Division
MATERIAL: /



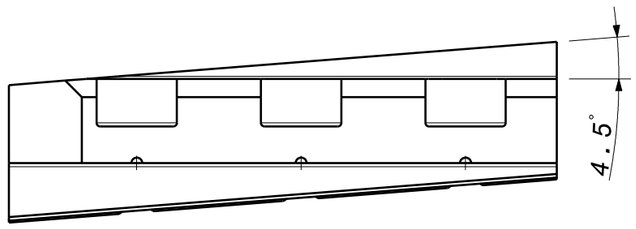
Front view



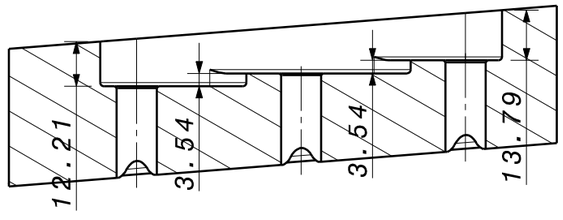
Right view



Rear view



Bottom view

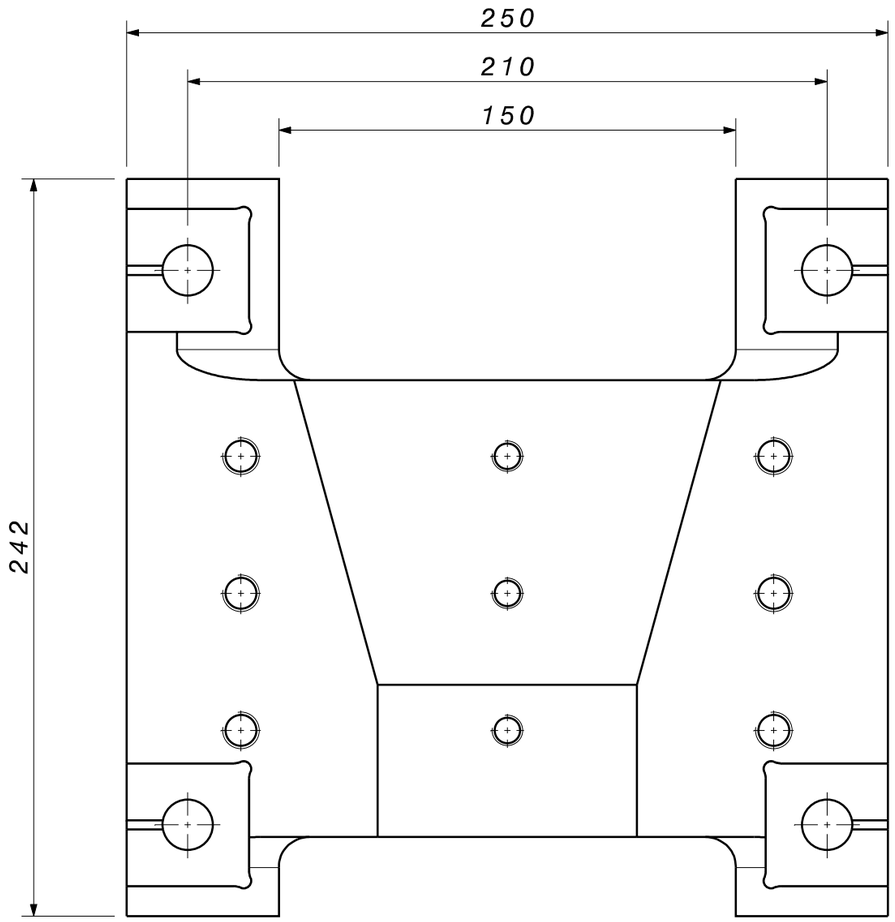


Section view A-A

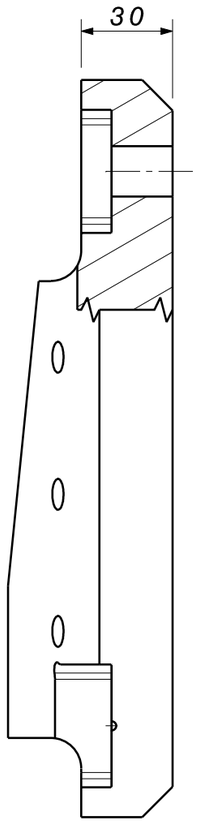
Ra3.2
ALL

Note:
1.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-m&K.
2.THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURRNO SCARATCH AND ACUTE EDGE CHAMFERED.
3.DIMENSIONS NOT PRESENT ARE ACCORDING TO 3D FILE.
4.THE PART NAME AND S/N ARE MAKED IN THE SUITABLE LOCATION.

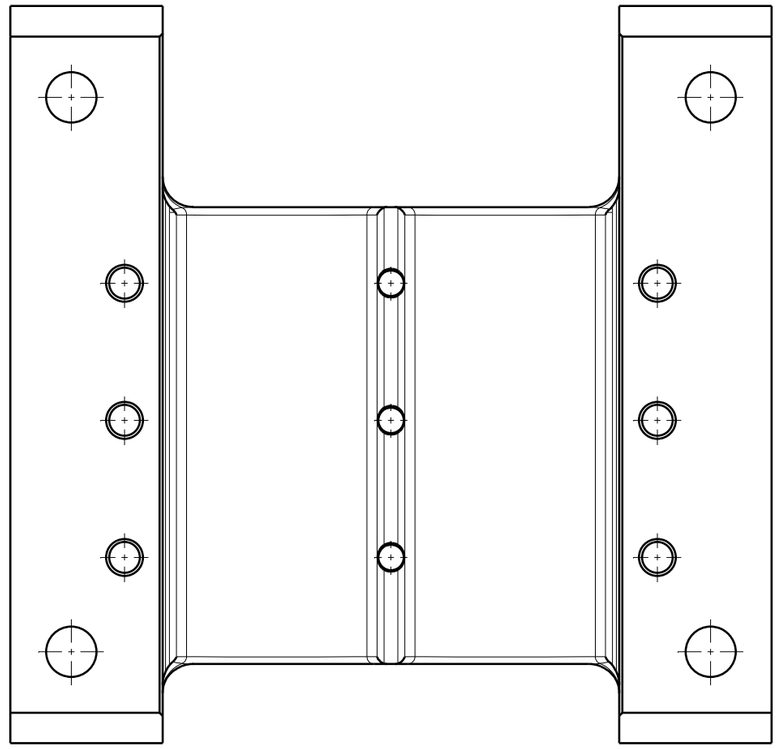
RELEASED BY: Liangliang GENG	PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED. The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.						ASIPP
APPROVED BY: Yu WU							
REVIEWED BY: Houxiang HAN							*Applied Superconducting Engineering and Technology Division*
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: *420x297* / SCALE: /	SHEET NAME: UPPER_BRACKET_03_LVF#SDXR89					MATERIAL: Inconel 625	
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.02.01	QUANTITY: 2	NO.OF SHTS: 7	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	



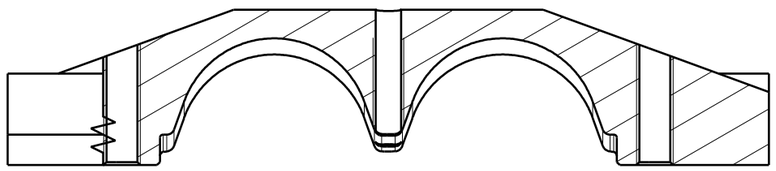
Front view



Right view



Rear view



Bottom view

Note:
1.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-m&K.
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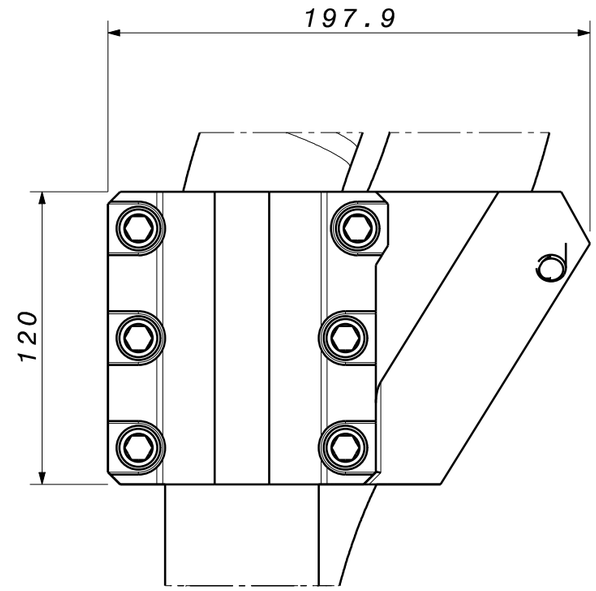
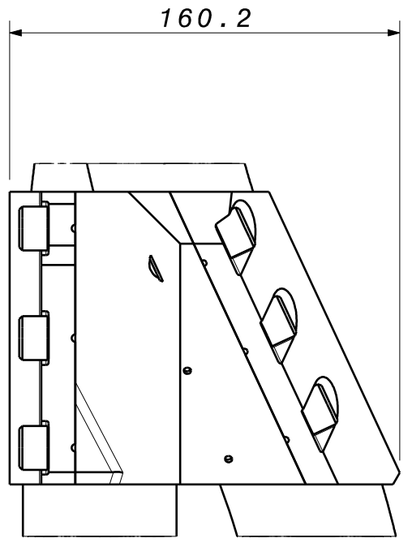
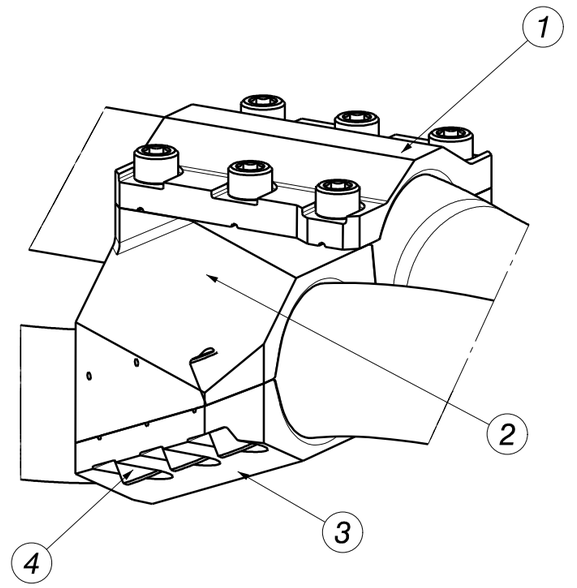
APPROVED BY: Yu WU							
REVIEWED BY: Houxiang HAN							Applied Superconducting Engineering and Technology Division
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: LOWER_BRACKET_03_LVF#SDXR68					MATERIAL: Inconel 625	
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.02.02	QUANTITY: 2	NO.OF SHTS: 8	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	



Front view



Right view



Isometric view

ITEM	DRAWING NUMBER	NAME	QTY	MATERIAL	WEIGHT	REMARKS
4	/	CYLINDER_HEAD_SCREW_ISO_4762_M12X30#XV4PJ9	12	Inconel 718	0.576	/
3	SCC/IED15.03.03	LOWER_CLAMP_04-SYM_LVF#V9J24Q	1	Inconel 625	3.262	/
2	SCC/IED15.03.02	HOUSING_CLAMP_04-SYM_LVF#XM3DLF	1	Inconel 625	5.758	/
1	SCC/IED15.03.01	UPPER_CLAMP_04-SYM_LVF#V9J22R	1	Inconel 625	1.082	/

NOTE:
1. THIS DRAWING IS USED TO EXPRESS THE ASSEMBLY RELATIONSHIP BETWEEN THE PART AND THE CONDUCTOR.
2. THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-M&K.
3. THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURR,NO SCARATCH AND ACUTE EDGE CHAMFERED.

RELEASED BY: Liangliang GENG
APPROVED BY: Yu WU
REVIEWED BY: Houxiang HAN
REPONSIBLE ENGINEER: Jing JIN
DESIGNER: Zhiyu WANG
SHEET SIZE: 420x297
SCALE: /
THIRD ANGLE PROJECTION

PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED

WHERE TO BE USED: LOWER_VS_FEEDER_FOAK
DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA
SHEET NAME: IVC_CLAMP_04-SYM_LVF#WP#V9J26P
SHEET NUMBER: SCC/IED15.03
QUANTITY: 2
NO.OF SHTS: 9
SHEET: 32
TIME: 07-29-2025
REVISION: V1.0
MATERIAL: /

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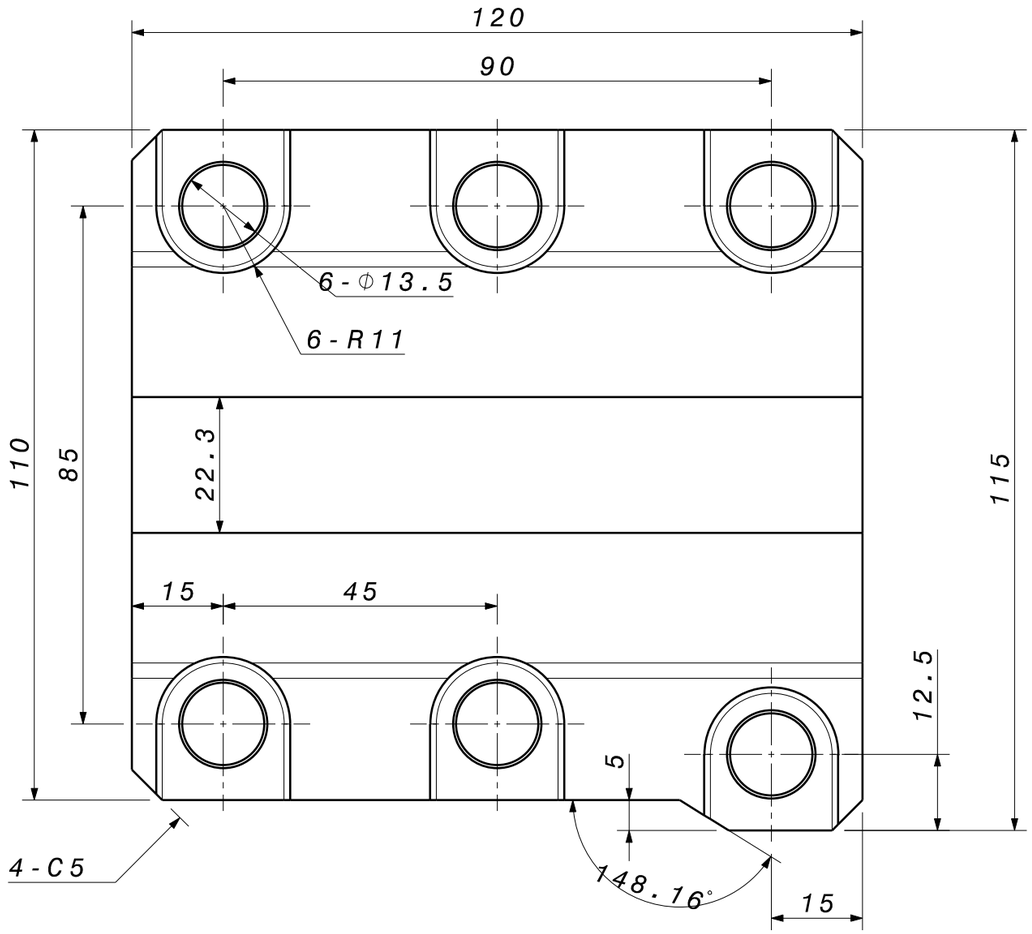
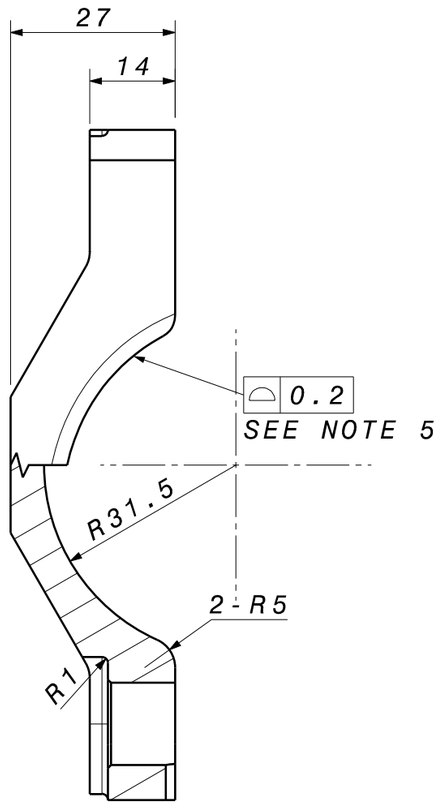
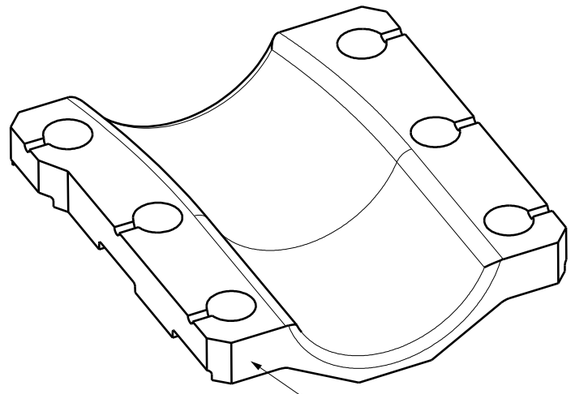


Front view



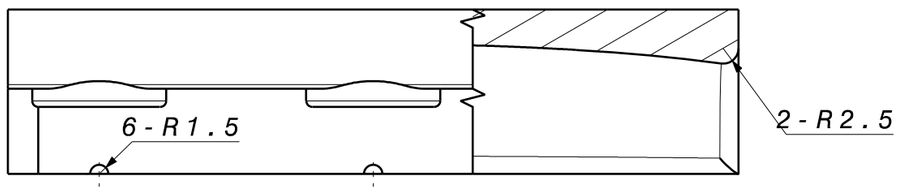
Right view

Ra3.2
ALL



SEE NOTE 4
V9J22R-01-01/02
V9J22R-01-02/02

Isometric view



Bottom view

Note:
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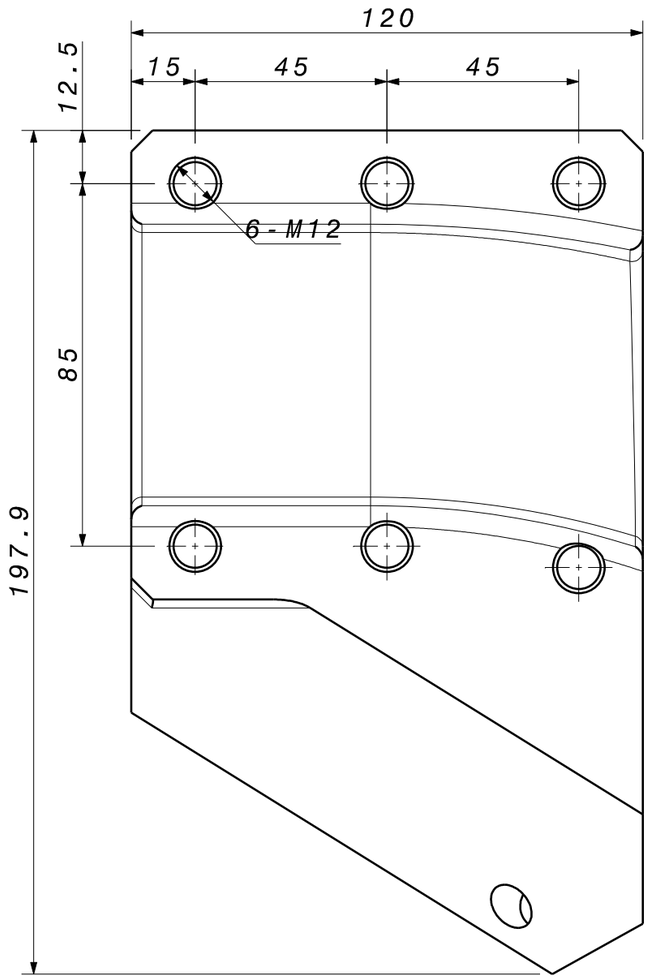
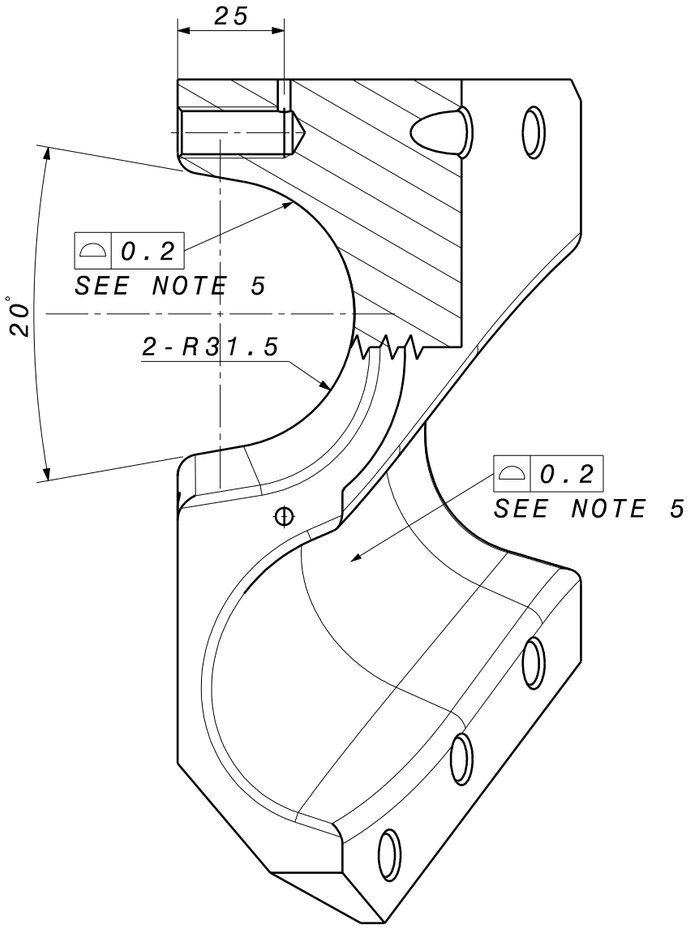
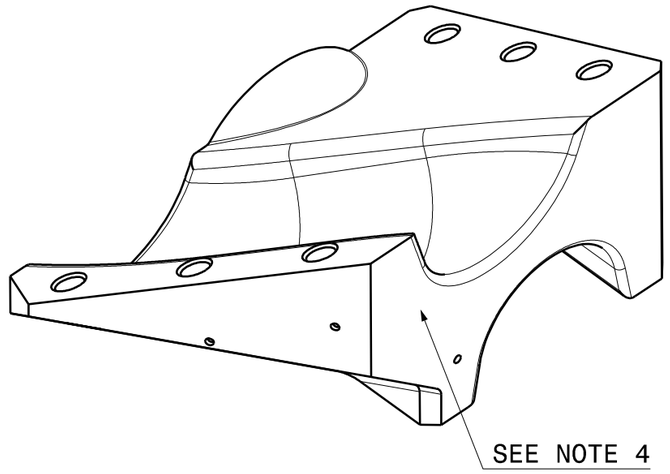
RELEASED BY: Liangliang GENG	PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED. The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.						ASIPP	
APPROVED BY: Yu WU								
REVIEWED BY: Houxiang HAN								
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						Applied Superconducting Engineering and Technology Division	
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA							
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: UPPER_CLAMP_04-SYM_LVF#V9J22R					MATERIAL: Inconel 625		
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.03.01	QUANTITY: 2	NO.OF SHTS: 10	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0		



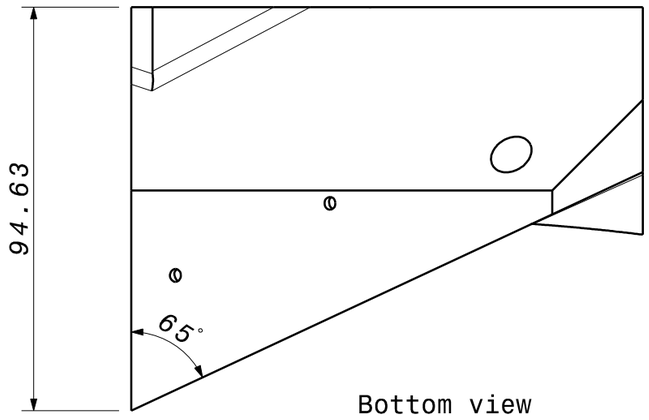
Front view



Right view



Isometric view



Bottom view

Ra3.2
ALL

Note:
1.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-m&K.
2.THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURRNO SCARATCH AND ACUTE EDGE CHAMFERED.
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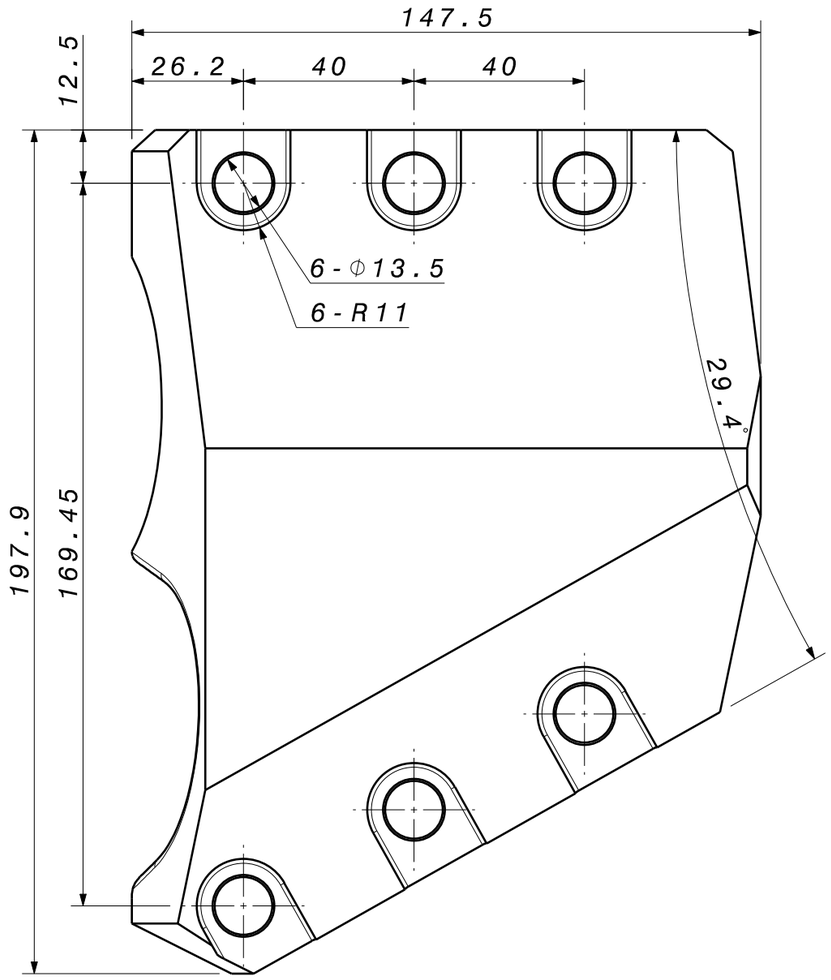
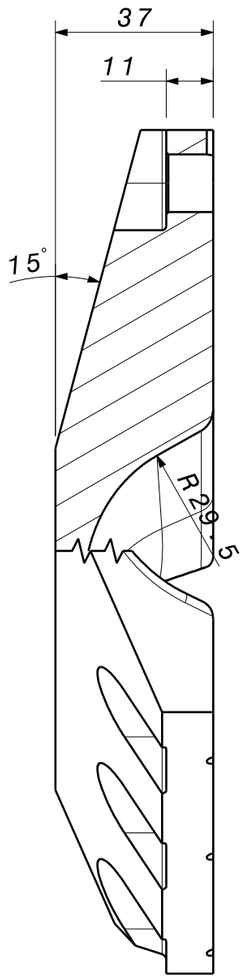
APPROVED BY: Yu WU							Applied Superconducting Engineering and Technology Division
REVIEWED BY: Houxiang HAN							
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: HOUSING_CLAMP_04-SYM_LVF#XM3DLF				MATERIAL: Inconel 625		
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.03.02	QUANTITY: 2	NO.OF SHTS: 11	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	

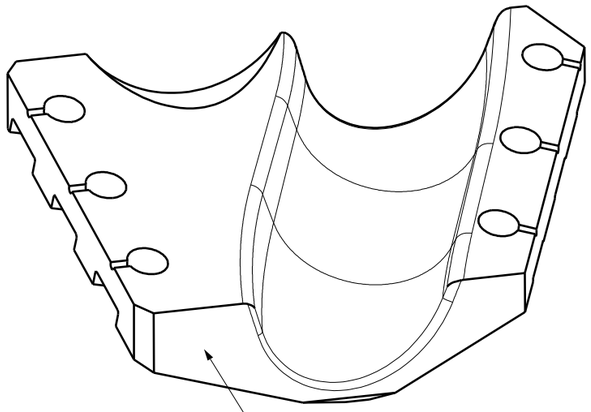


Front view



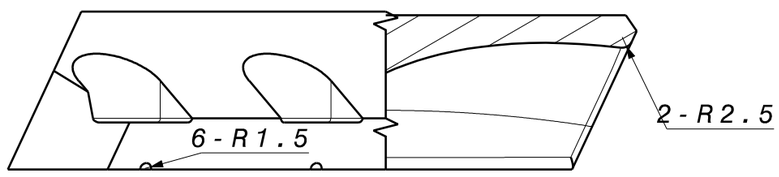
Right view

Ra3.2
ALL



SEE NOTE 4
V9J24Q-01-01/02
V9J24Q-01-02/02

Isometric view



Bottom view

Note:
1.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-m&K.
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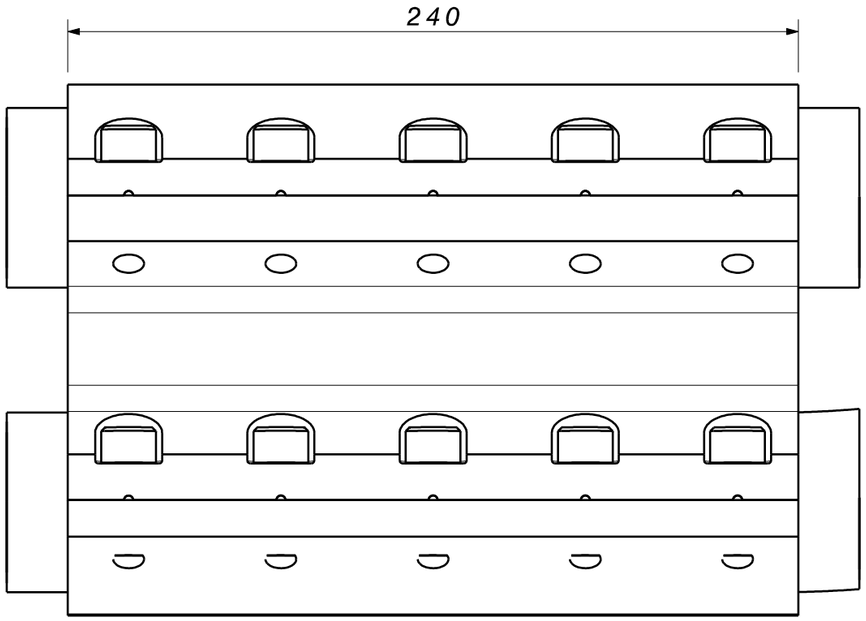
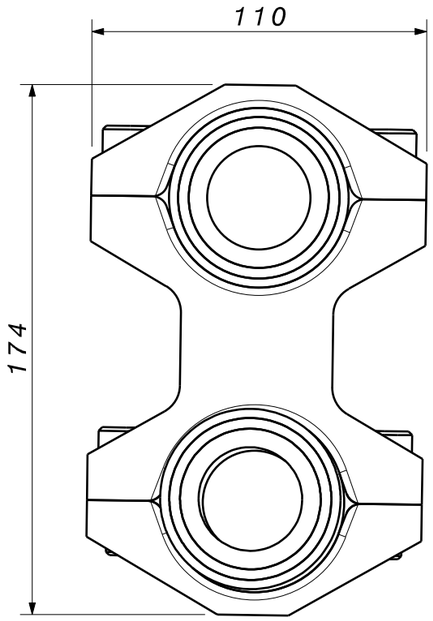
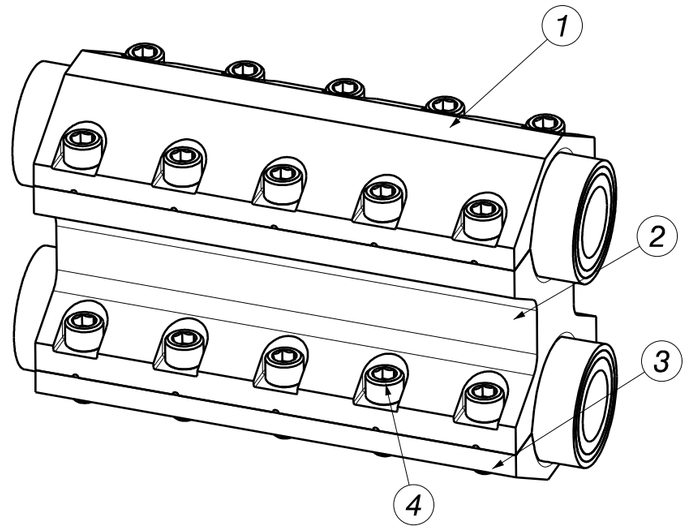
RELEASED BY: Liangliang GENG	PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED. The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.						ASIPP
APPROVED BY: Yu WU							
REVIEWED BY: Houxiang HAN							
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						Applied Superconducting Engineering and Technology Division
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: LOWER_CLAMP_04-SYM_LVF#V9J24Q					MATERIAL: Inconel 625	
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.03.03	QUANTITY: 2	NO.OF SHTS: 12	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	



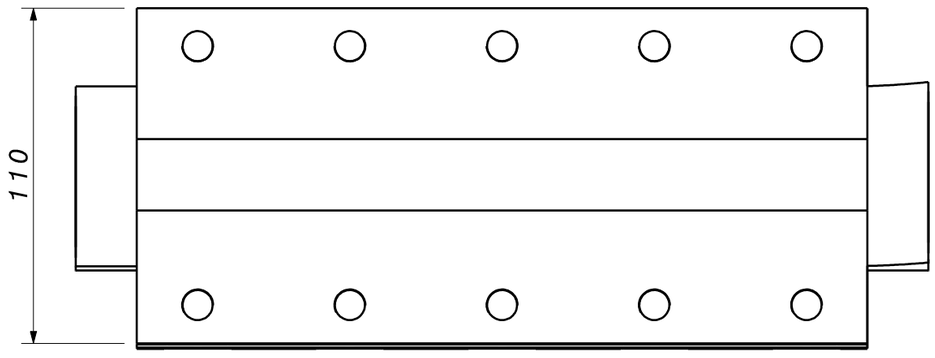
Front view



Right view



Isometric view



Bottom view

NOTE:
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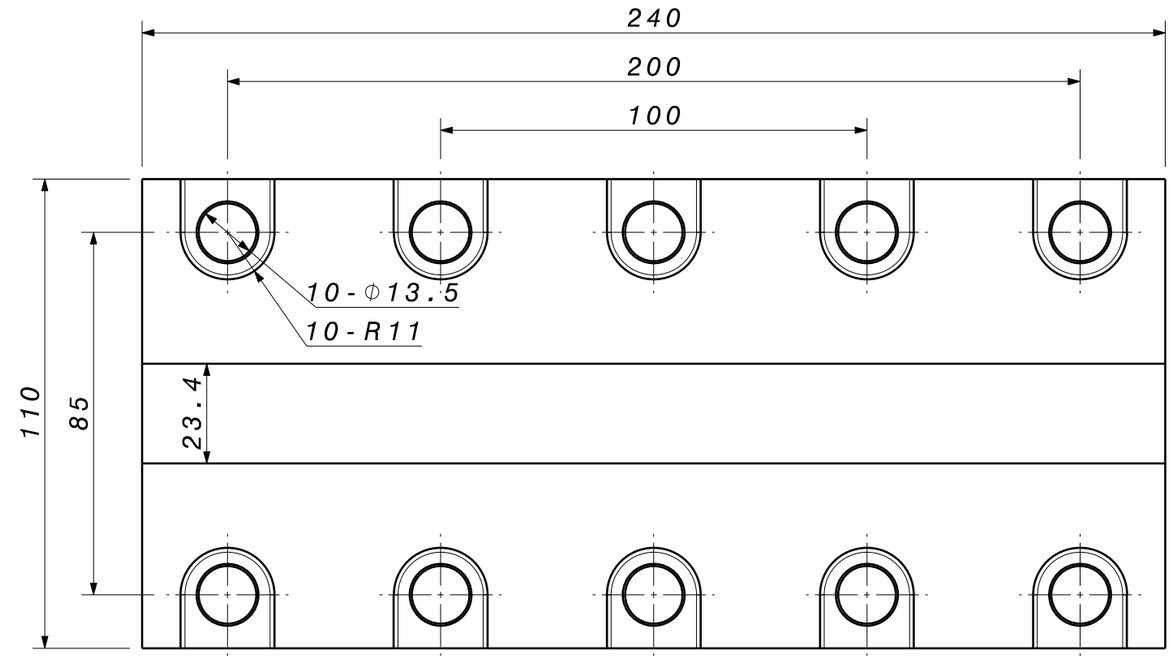
ITEM	DRAWING NUMBER	NAME	QTY	MATERIAL	WEIGHT	REMARKS
4	/	CYLINDER_HEAD_SCREW_ISO_4762_M12X30#XV4PJ9	20	Inconel 718	0.96	/
3	SCC/IED15.04.03	LOWER_CLAMP_03_LVF#XH7BR8	1	Inconel 625	3.113	/
2	SCC/IED15.04.02	HOUSING_CLAMP_03_LVF#XH7BT3	1	Inconel 625	9.561	/
1	SCC/IED15.04.01	UPPER_CLAMP_03_LVF#XH7BV2	1	Inconel 625	2.829	/

RELEASED BY: Liangliang GENG
APPROVED BY: Yu WU
REVIEWED BY: Houxiang HAN
REPONSIBLE ENGINEER: Jing JIN
DESIGNER: Zhiyu WANG
SHEET SIZE: 420x297
SCALE: /
THIRD ANGLE PROJECTION

PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED

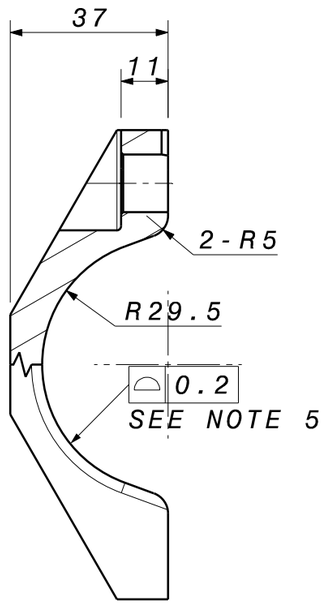
WHERE TO BE USED: LOWER_VS_FEEDER_FOAK
DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA
SHEET NAME: IVC_CLAMP_03_LVF#WP#XH7BM6
SHEET NUMBER: SCC/IED15.04
QUANTITY: 2
NO.OF SHTS: 13
SHEET: 32
TIME: 07-29-2025
REVISION: V1.0
MATERIAL: /

ASIPP
Applied Superconducting Engineering and Technology Division

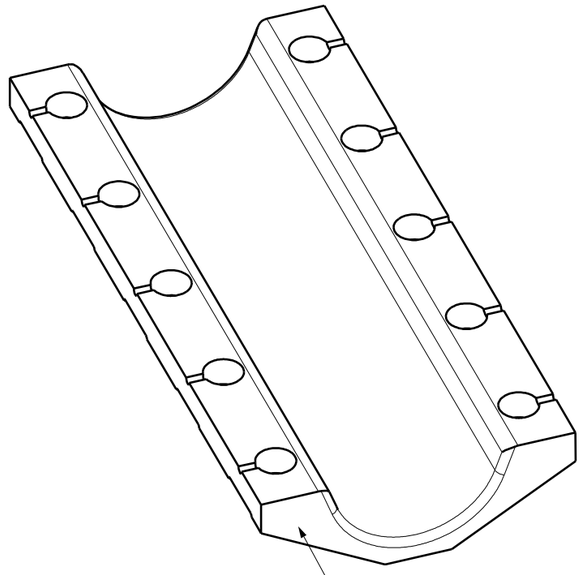


Front view

Bottom view



Right view



Isometric view

Ra3.2
ALL

XH7BV2-01-02/02

Note:
1.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-m&K.
2.THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURRNO SCARATCH AND ACUTE EDGE CHAMFERED.
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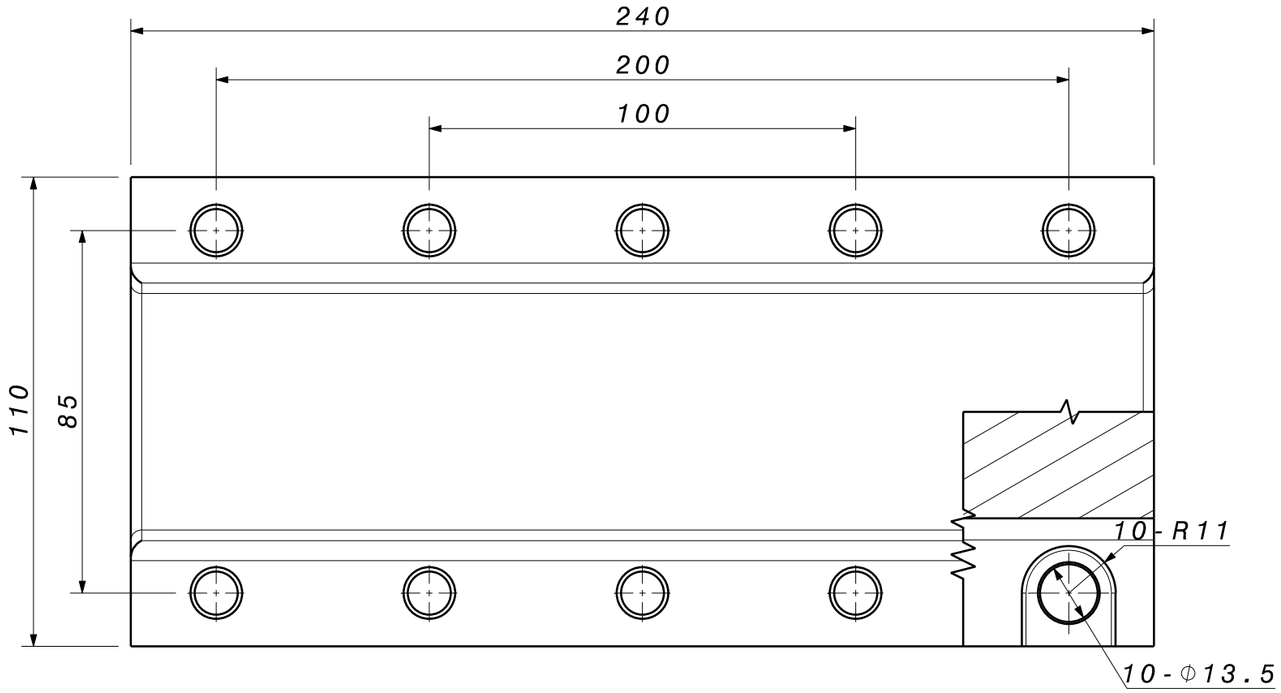
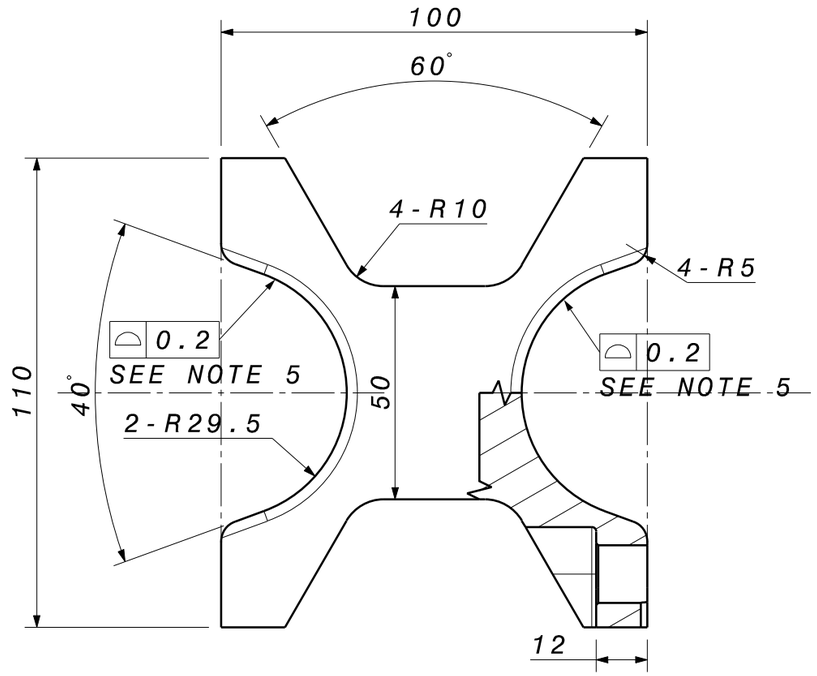
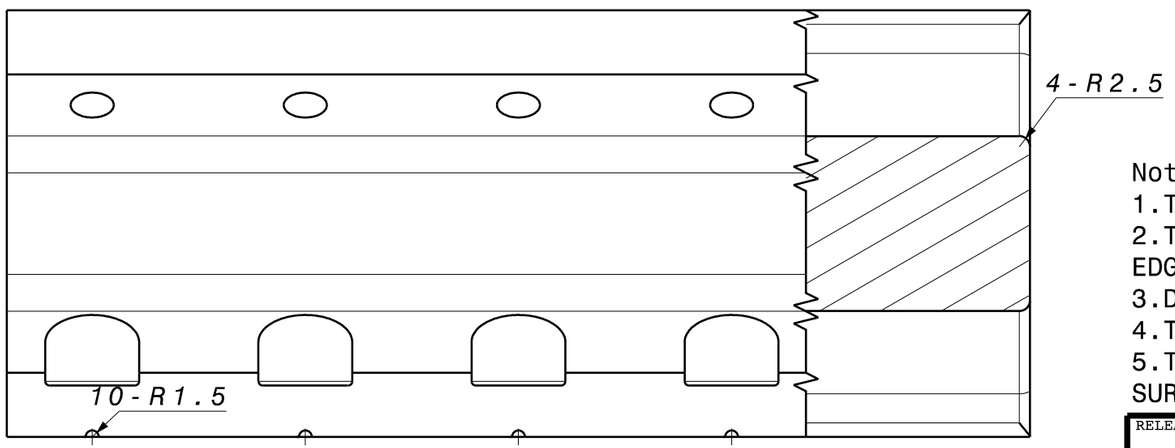
RELEASED BY: Liangliang GENG	PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED. The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.						ASIPP
APPROVED BY: Yu WU							
REVIEWED BY: Houxiang HAN							Applied Superconducting Engineering and Technology Division
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: UPPER_CLAMP_03_LVF#XH7BV2					MATERIAL: Inconel 625	
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.04.01	QUANTITY: 2	NO.OF SHTS: 14	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	





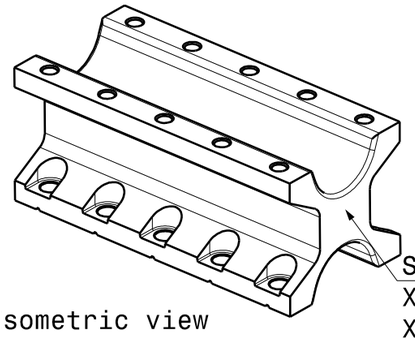
Ra3.2
ALL

Front view



Bottom view

Right view

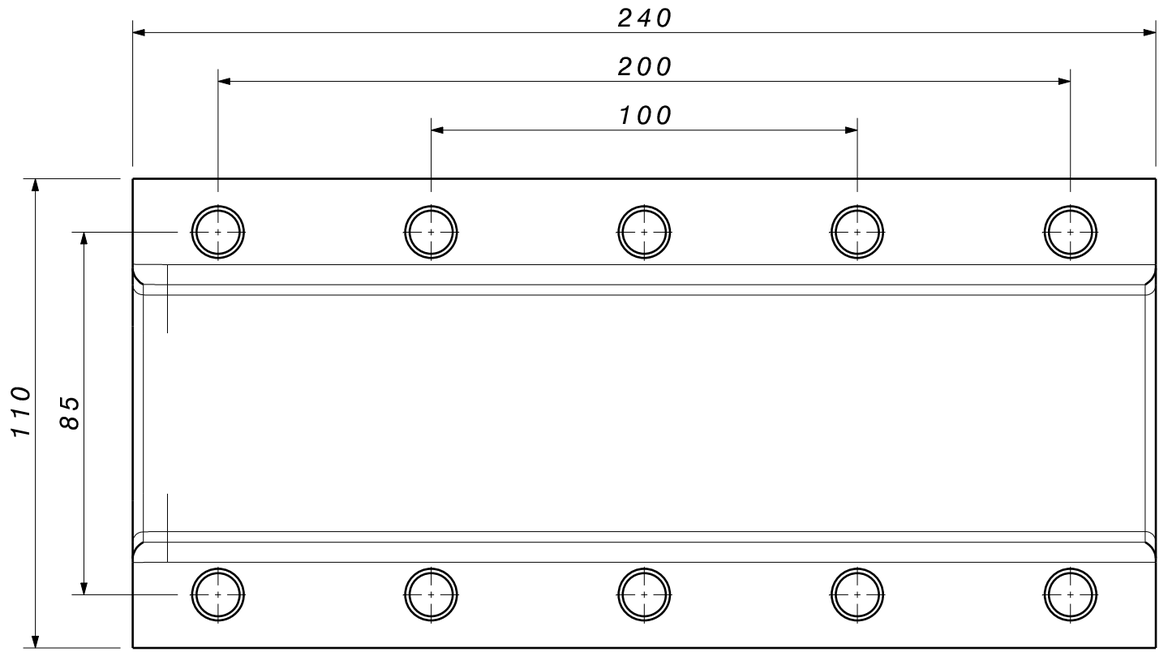


Isometric view

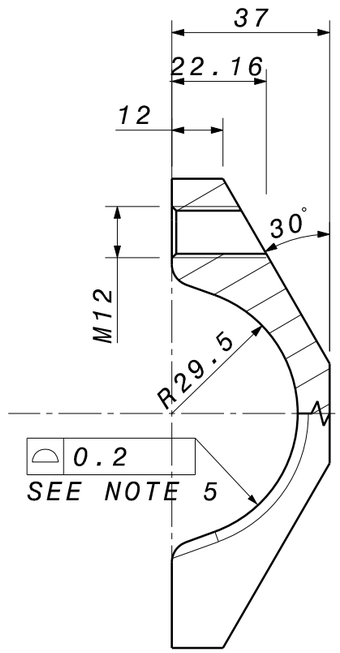
SEE NOTE 4
XH7BT3-01-01/02
XH7BT3-01-02/02

Note:
1.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-m&K.
2.THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURRNO SCARATCH AND ACUTE EDGE CHAMFERED.
3.DIMENSIONS NOT PRESENT ARE ACCORDING TO 3D FILE.
4.THE PART NAME AND S/N ARE MAKED IN THE SUITABLE LOCATION.
5.THE GROOVE SHAPE ARE REVERSE MANUFACUTRED ACCORDING TO THE ACTUAL SURFACES OF THE BENT CONDUCTORS.

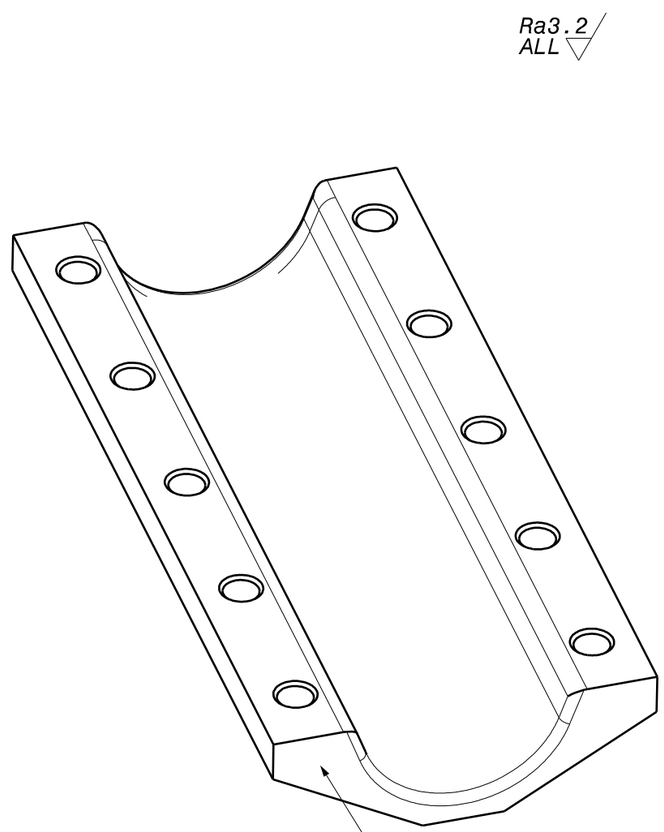
RELEASED BY: Liangliang GENG	PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED. The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.					ASIPP
APPROVED BY: Yu WU						Applied Superconducting Engineering and Technology Division
REVIEWED BY: Houxiang HAN						
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK					
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA					
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: HOUSING_CLAMP_03_LVF#XH7BT3				MATERIAL: Inconel 625	
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.04.02	QUANTITY: 2	NO.OF SHTS: 15	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0



Front view

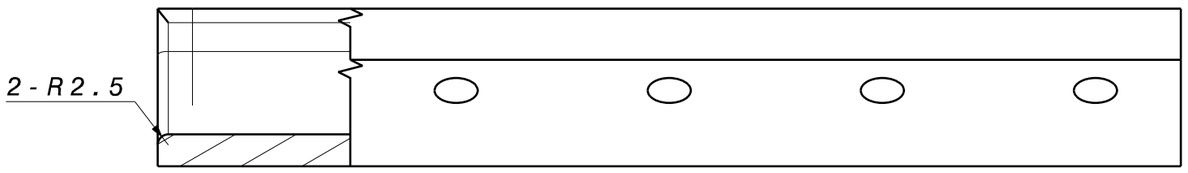


Right view



Isometric view

XH7BR8-01-01/02
XH7BR8-01-02/02



Bottom view

Note:
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5.THE GROOVE SHAPE ARE REVERSE MANUFACUTRED ACCORDING TO THE ACTUAL SURFACES OF THE BENT CONDUCTORS.

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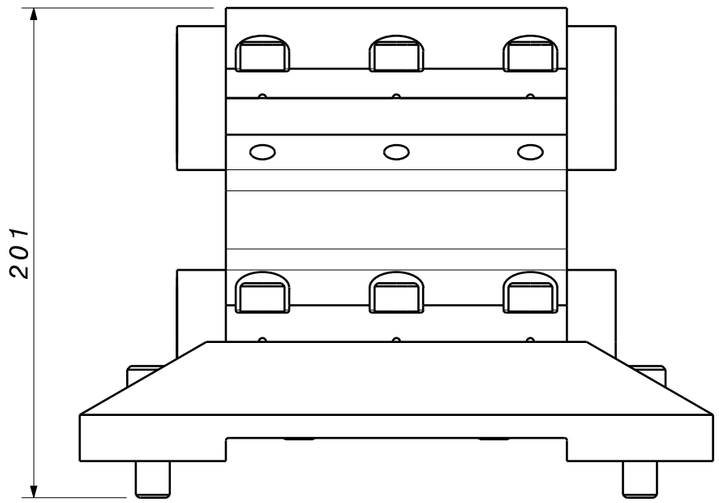
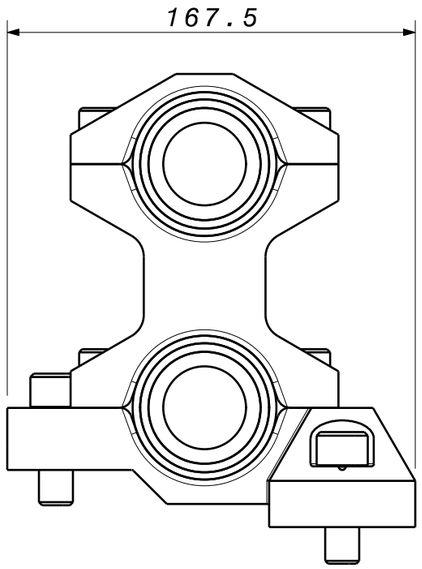
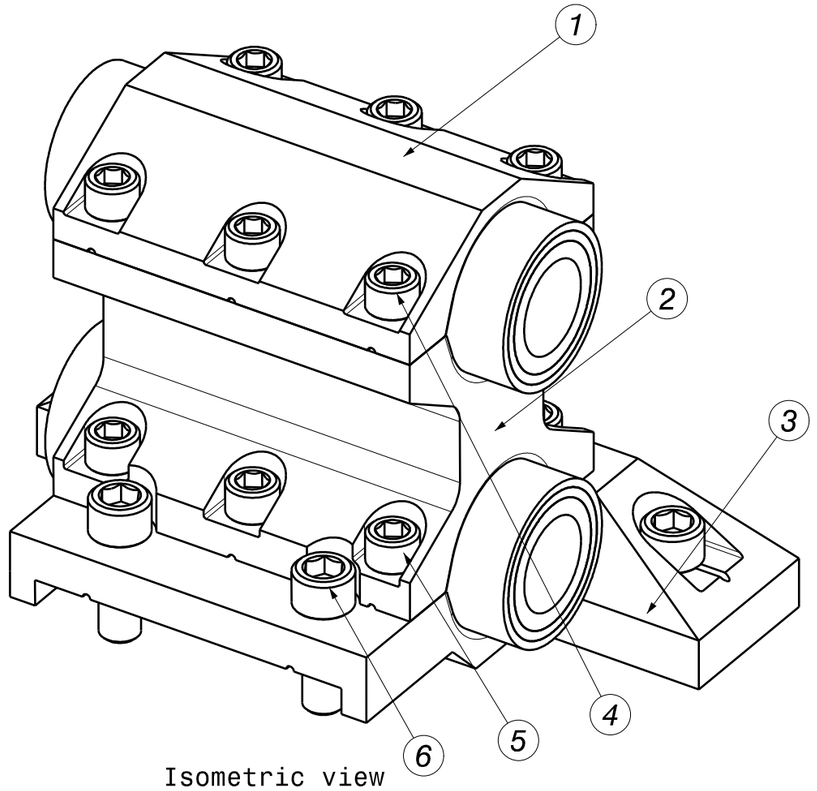
APPROVED BY: Yu WU							
REVIEWED BY: Houxiang HAN							Applied Superconducting Engineering and Technology Division
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: LOWER_CLAMP_03_LVF#XH7BR8				MATERIAL: Inconel 625		
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.04.03	QUANTITY: 2	NO.OF SHTS: 16	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	



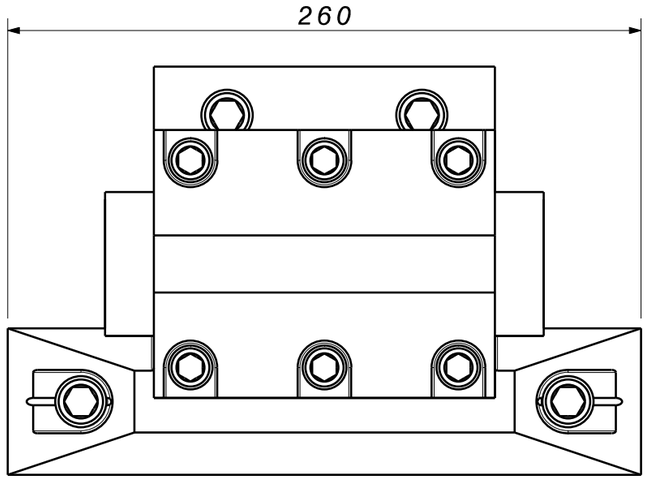
Front view



Left view



Isometric view



Top view

NOTE:
1. THIS DRAWING IS USED TO EXPRESS THE ASSEMBLY RELATIONSHIP BETWEEN THE PART AND THE CONDUCTOR.
2. THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-M&K.
3. THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURR,NO SCARATCH AND ACUTE EDGE CHAMFERED.

ITEM	DRAWING NUMBER	NAME	QTY	MATERIAL	WEIGHT	REMARKS
6	/	CYLINDER_HEAD_SCREW_ISO_4762_M14X40#U6MEHA	4	Inconel 718	0.332	/
5	/	CYLINDER_HEAD_SCREW_ISO_4762_M12X25#4U5EDL	3	Inconel 718	0.132	
4	/	CYLINDER_HEAD_SCREW_ISO_4762_M12X30#XV4PJ9	9	Inconel 718	0.432	/
3	SCC/IED15.05.03	LOWER_BRACKET_02_LVF#SDWXF6	1	Inconel 625	5.998	/
2	SCC/IED15.05.02	HOUSING_BRACKET_01_LVF#T92UMS	1	Inconel 625	5.594	/
1	SCC/IED15.05.01	UPPER_BRACKET_01_LVF#SDWXH7	1	Inconel 625	1.642	/

RELEASED BY: Liangliang GENG	PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED. The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.					
APPROVED BY: Yu WU						
REVIEWED BY: Houxiang HAN						
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK					
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA					
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: IVC_BRACKET_02_LVF#WP#SDWXNS			MATERIAL: /		
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.05	QUANTITY: 14	NO.OF SHTS: 17	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0

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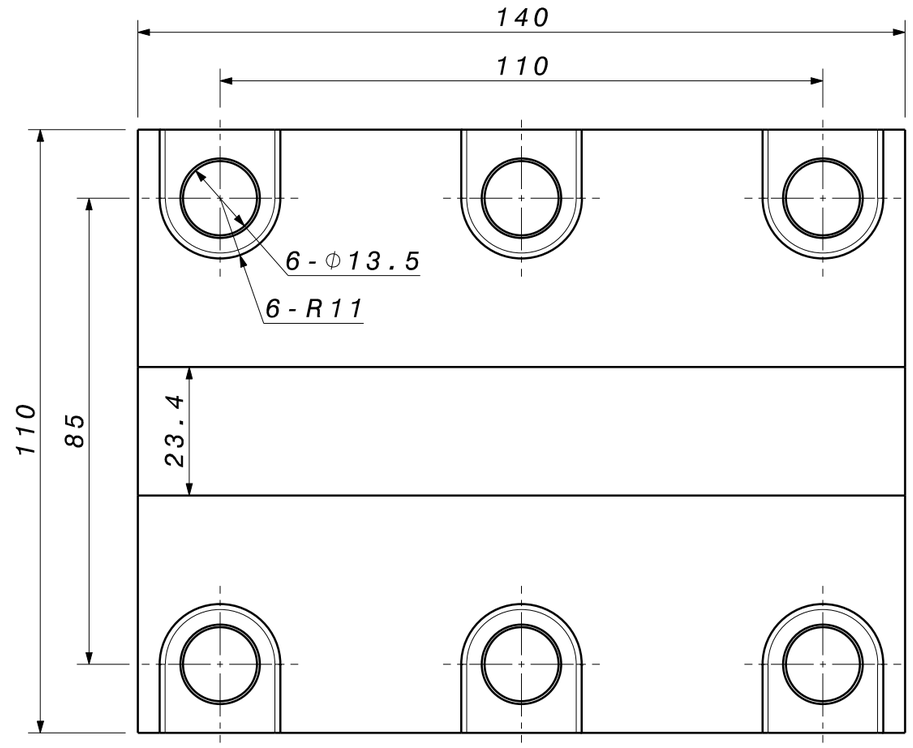
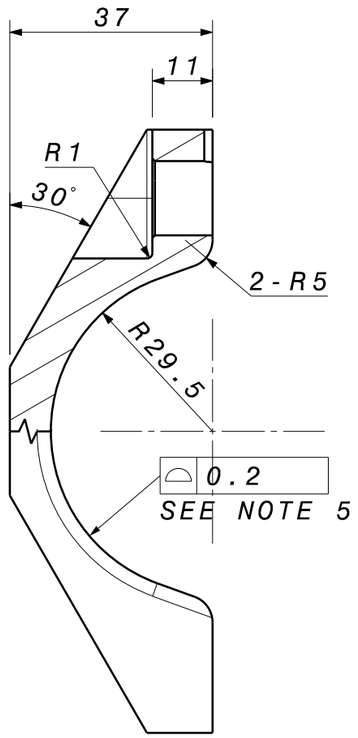
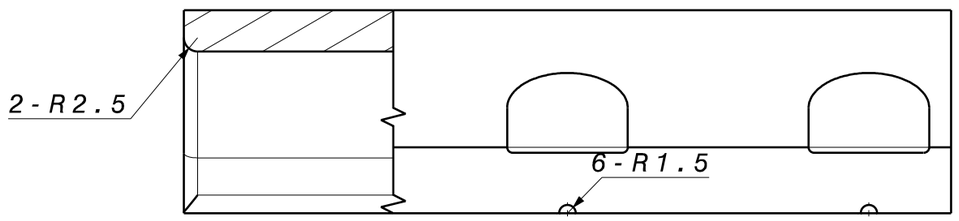


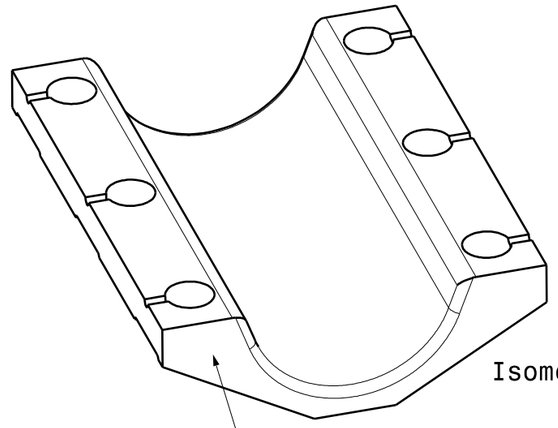
Front view



Right view



Bottom view



Isometric view

Ra3.2
ALL

SEE NOTE 4

SDWXH7-01-01/24	SDWXH7-01-13/24
SDWXH7-01-02/24	SDWXH7-01-14/24
SDWXH7-01-03/24	SDWXH7-01-15/24
SDWXH7-01-04/24	SDWXH7-01-16/24
SDWXH7-01-05/24	SDWXH7-01-17/24
SDWXH7-01-06/24	SDWXH7-01-18/24
SDWXH7-01-07/24	SDWXH7-01-19/24
SDWXH7-01-08/24	SDWXH7-01-20/24
SDWXH7-01-09/24	SDWXH7-01-21/24
SDWXH7-01-10/24	SDWXH7-01-22/24
SDWXH7-01-11/24	SDWXH7-01-23/24
SDWXH7-01-12/24	SDWXH7-01-24/24

Note:
1.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-m&K.
2.THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURRNO SCARATCH AND ACUTE EDGE CHAMFERED.
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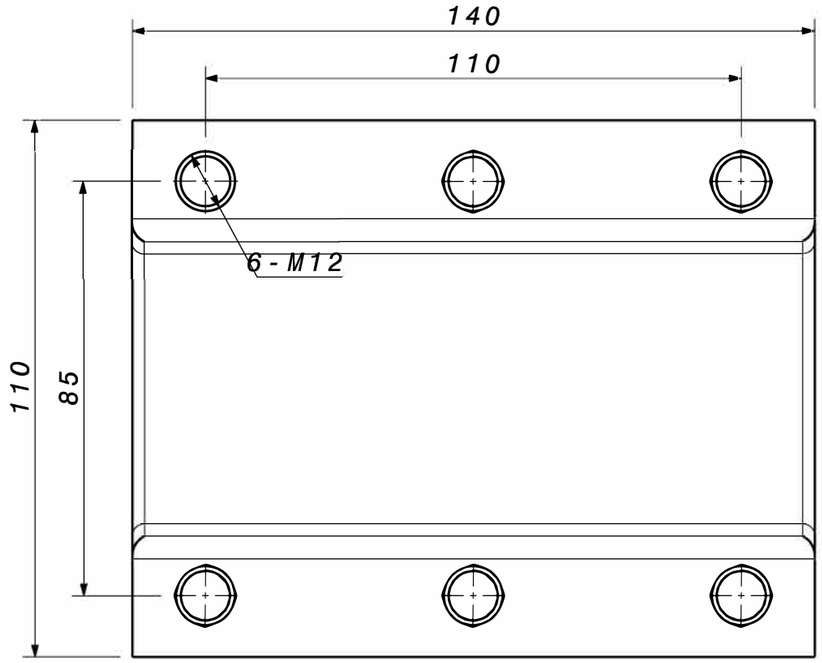
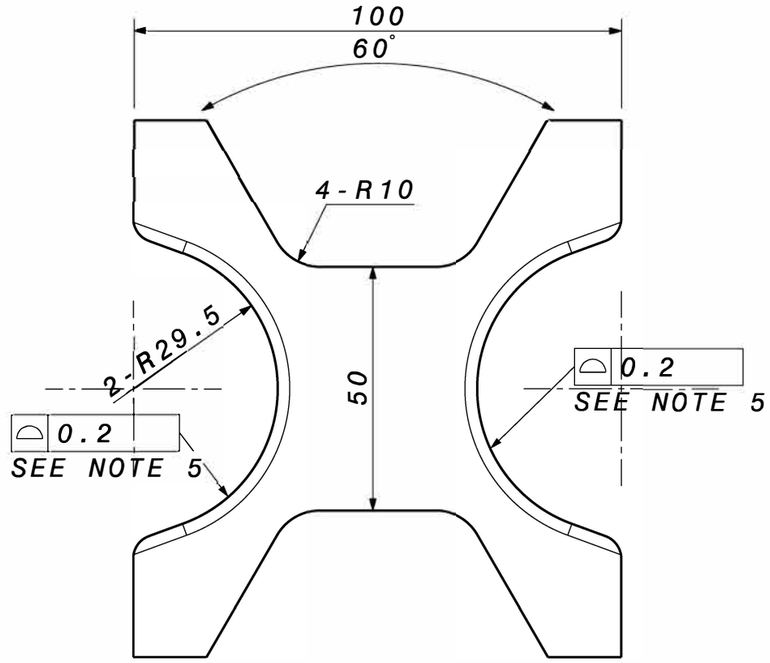
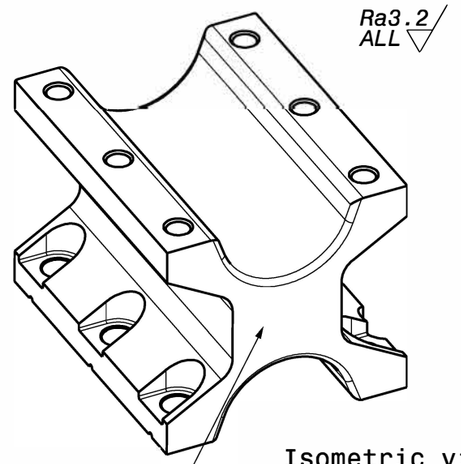
APPROVED BY: Yu WU							
REVIEWED BY: Houxiang HAN						Applied Superconducting Engineering and Technology Division	
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: UPPER_BRACKET_01_LVF#SDWXH7				MATERIAL: Inconel 625		
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.05.01	QUANTITY: 24	NO.OF SHTS: 18	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	



Front view



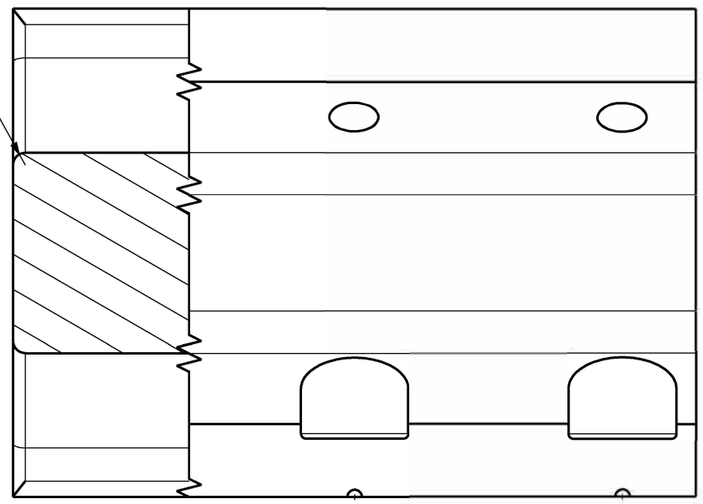
Right view



Isometric view

SEE NOTE 4

T92UMS-01-01/24	T92UMS-01-17/24
T92UMS-01-02/24	T92UMS-01-18/24
T92UMS-01-03/24	T92UMS-01-19/24
T92UMS-01-04/24	T92UMS-01-20/24
T92UMS-01-05/24	T92UMS-01-21/24
T92UMS-01-06/24	T92UMS-01-22/24
T92UMS-01-07/24	T92UMS-01-23/24
T92UMS-01-08/24	T92UMS-01-24/24
T92UMS-01-09/24	
T92UMS-01-10/24	
T92UMS-01-11/24	
T92UMS-01-12/24	
T92UMS-01-13/24	
T92UMS-01-14/24	
T92UMS-01-15/24	
T92UMS-01-16/24	



Bottom view

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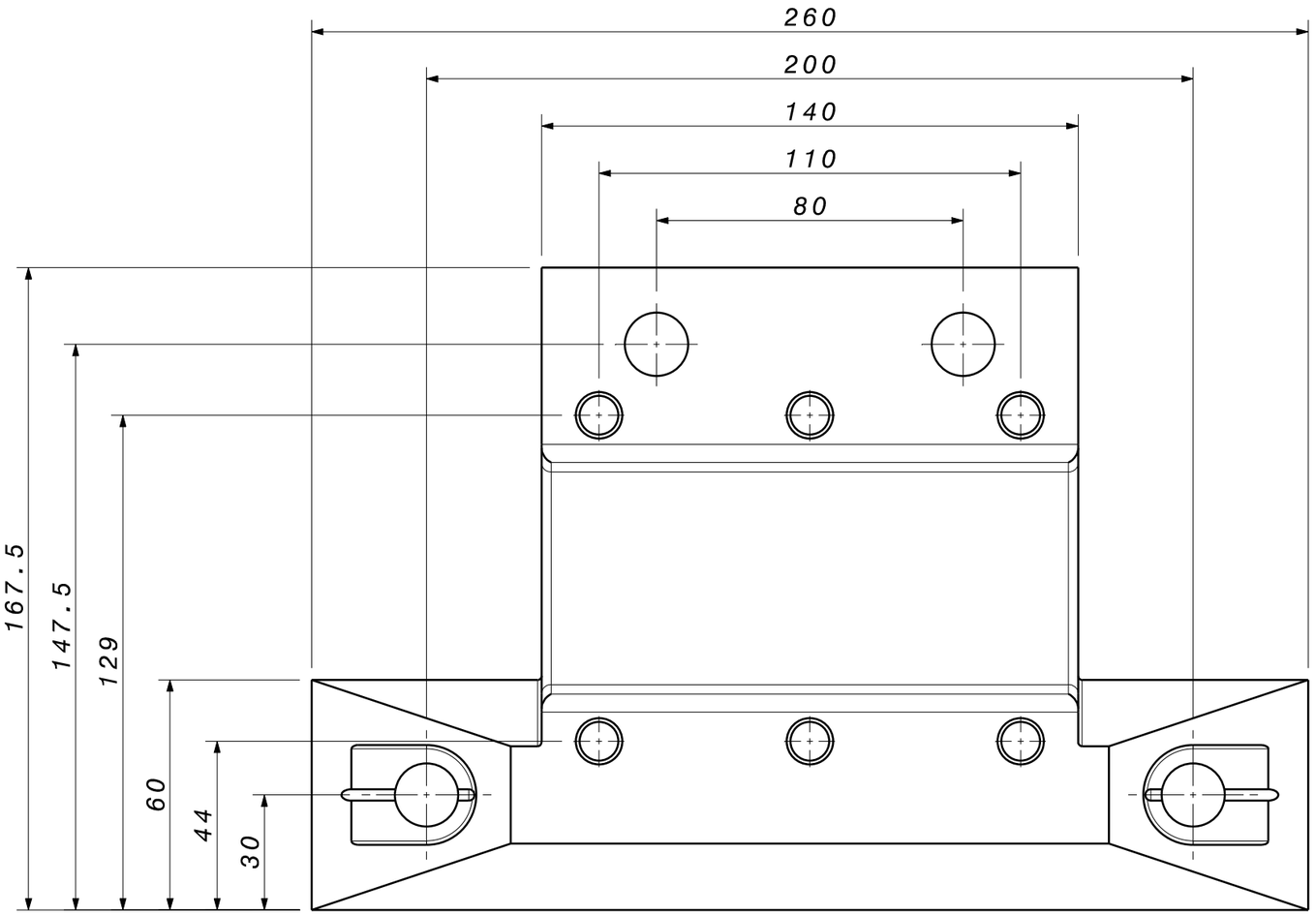
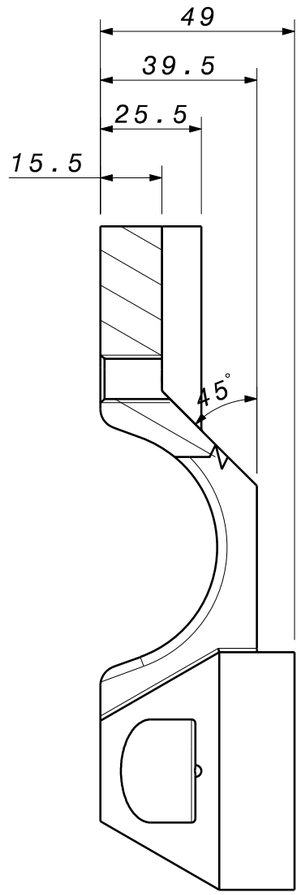
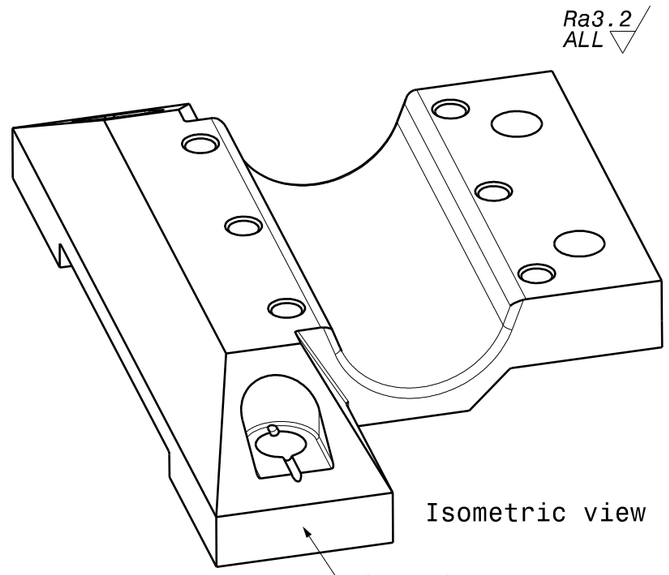
APPROVED BY: Yu WU							
REVIEWED BY: Houxiang HAN							Applied Superconducting Engineering and Technology Division
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: HOUSING_BRACKET_01_LVF#T92UMS				MATERIAL	Inconel 625	
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.05.02	QUANTITY: 24	NO.OF SHTS: 19	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	



Front view



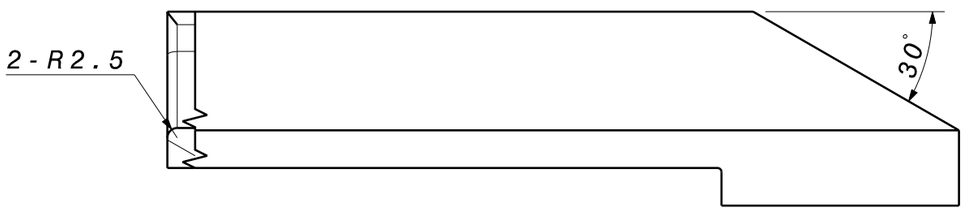
Right view



Isometric view

SEE NOTE 4

SDWXF6-01-01/14
SDWXF6-01-02/14
SDWXF6-01-03/14
SDWXF6-01-04/14
SDWXF6-01-05/14
SDWXF6-01-06/14
SDWXF6-01-07/14
SDWXF6-01-08/14
SDWXF6-01-09/14
SDWXF6-01-10/14
SDWXF6-01-11/14
SDWXF6-01-12/14
SDWXF6-01-13/14
SDWXF6-01-14/14



Bottom view

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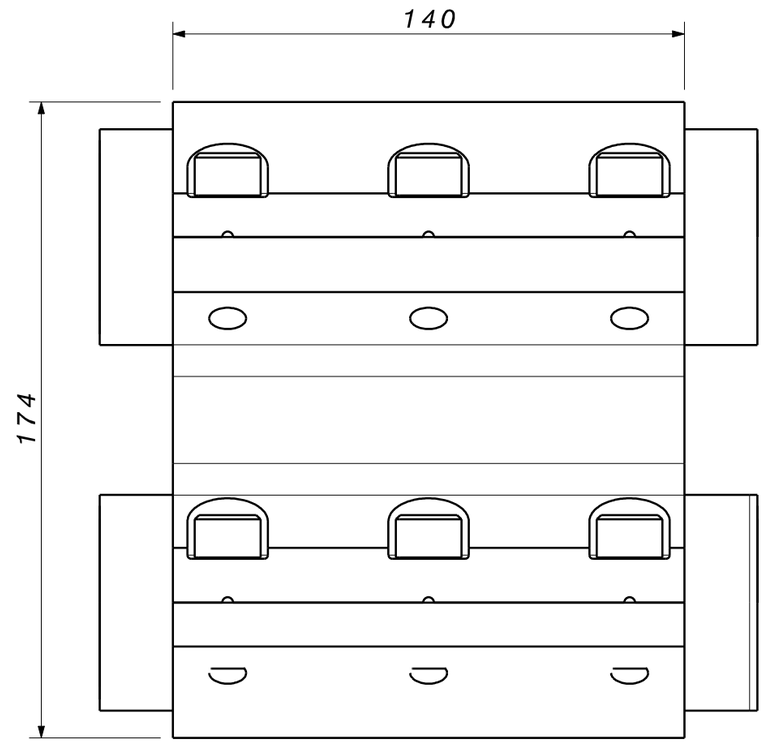
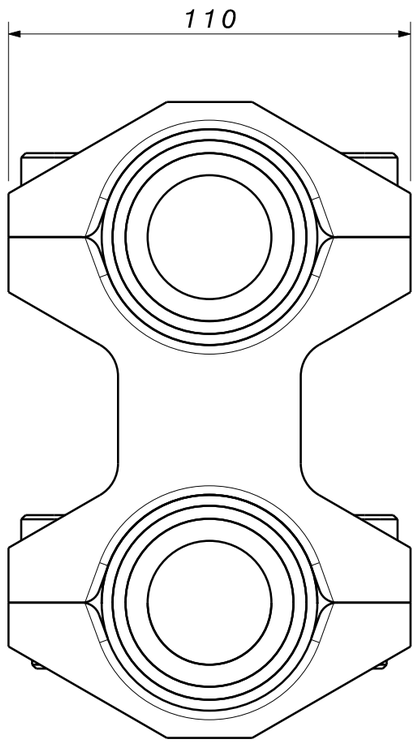
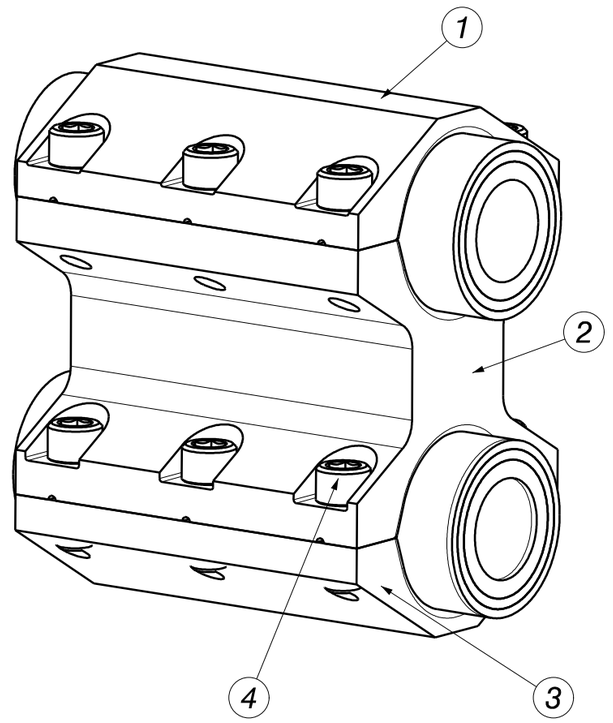
APPROVED BY: Yu WU						Applied Superconducting Engineering and Technology Division	
REVIEWED BY: Houxiang HAN							
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: LOWER_BRACKET_02_LVF#SDWXF6					MATERIAL: Inconel 625	
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.05.03	QUANTITY: 14	NO.OF SHTS: 20	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	



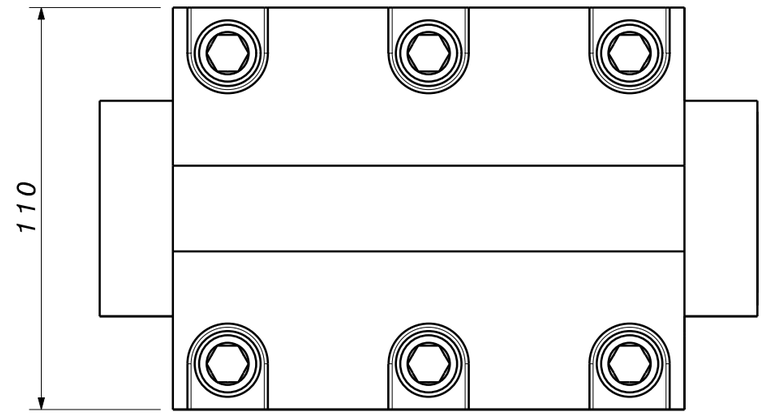
Front view



Right view



Isometric view



Top view

NOTE:
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3. THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURR,NO SCARATCH AND ACUTE EDGE CHAMFERED.

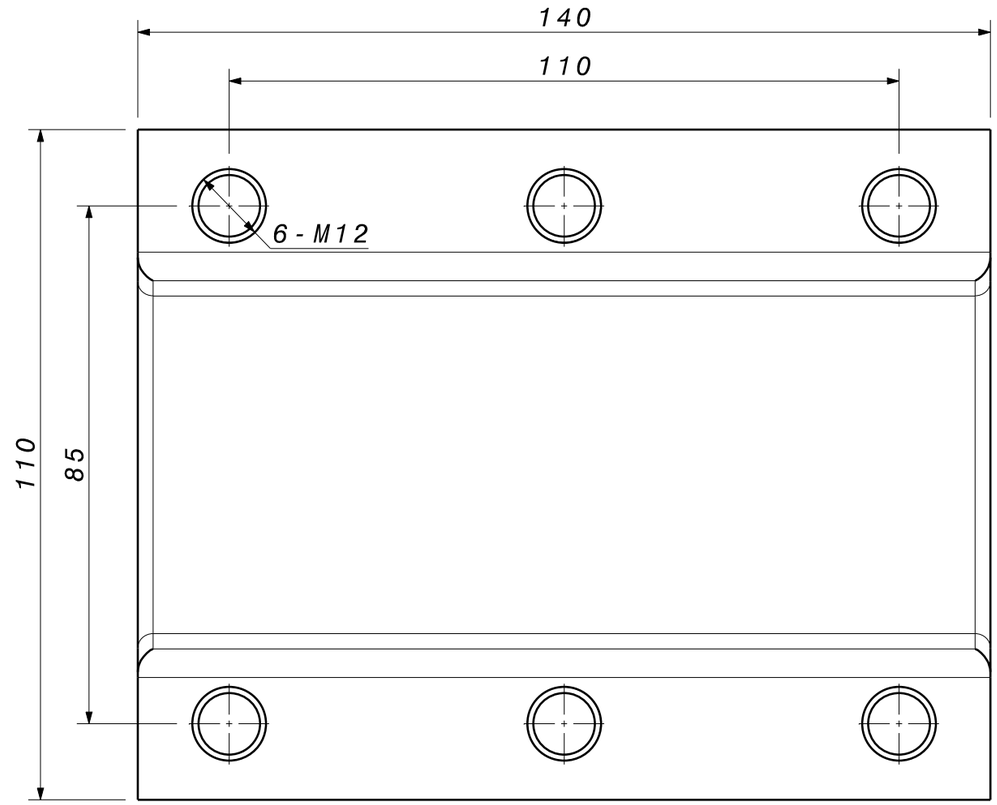
ITEM	DRAWING NUMBER	NAME	QTY	MATERIAL	WEIGHT	REMARKS
4	/	CYLINDER_HEAD_SCREW_ISO_4762_M12X30#XV4PJ9	12	Inconel 718	0.576	/
3	SCC/IED15.06.01	LOWER_CLAMP_02_LVF#SDYEWS	1	Inconel 625	1.817	/
2	SCC/IED15.05.02	HOUSING_BRACKET_01_LVF#T92UMS	1	Inconel 625	5.594	Reference
1	SCC/IED15.05.01	UPPER_BRACKET_01_LVF#SDWXH7	1	Inconel 625	1.642	Reference

RELEASED BY: Liangliang GENG
APPROVED BY: Yu WU
REVIEWED BY: Houxiang HAN
REPONSIBLE ENGINEER: Jing JIN
DESIGNER: Zhiyu WANG
SHEET SIZE: 420x297
SCALE: /
THIRD ANGLE PROJECTION

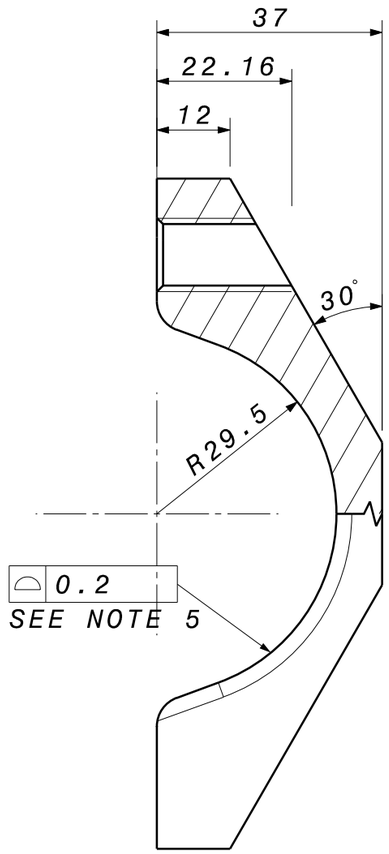
PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED

WHERE TO BE USED: LOWER_VS_FEEDER_FOAK
DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA
SHEET NAME: IVC_CLAMP_02_LVF#WP#SDYF2Y
SHEET NUMBER: SCC/IED15.06
QUANTITY: 6
NO.OF SHTS: 21
SHEET: 32
TIME: 07-29-2025
REVISION: V1.0
MATERIAL: /

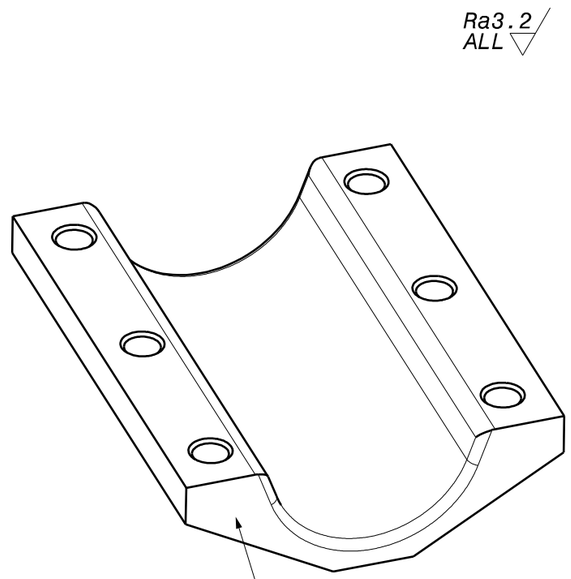
ASIPP
Applied Superconducting Engineering and Technology Division



Front view



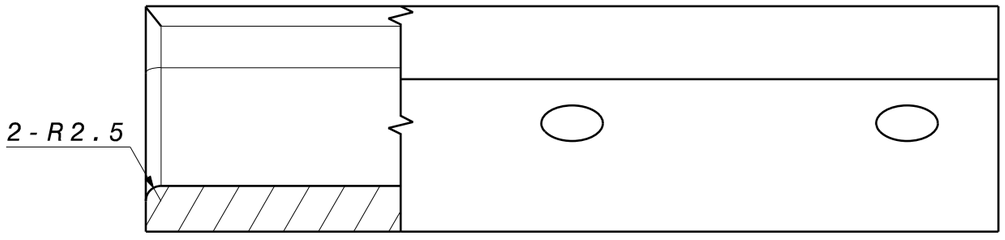
Right view



Isometric view

SEE NOTE 4

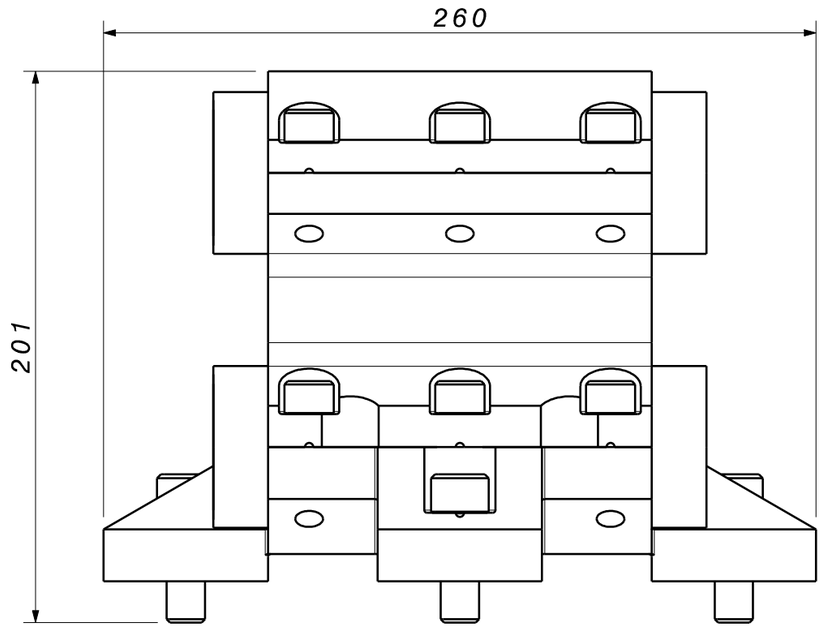
SDYEWS-01-01/06
SDYEWS-01-02/06
SDYEWS-01-03/06
SDYEWS-01-04/06
SDYEWS-01-05/06
SDYEWS-01-06/06



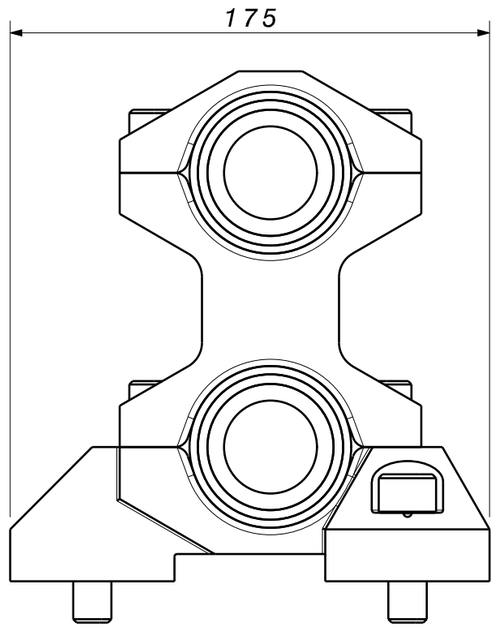
Bottom view

Note:
1.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-m&K.
2.THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURRNO SCARATCH AND ACUTE EDGE CHAMFERED.
3.DIMENSIONS NOT PRESENT ARE ACCORDING TO 3D FILE.
4.THE PART NAME AND S/N ARE MAKED IN THE SUITABLE LOCATION.
5.THE GROOVE SHAPE ARE REVERSE MANUFACUTRED ACCORDING TO THE ACTUAL SURFACES OF THE BENT CONDUCTORS.

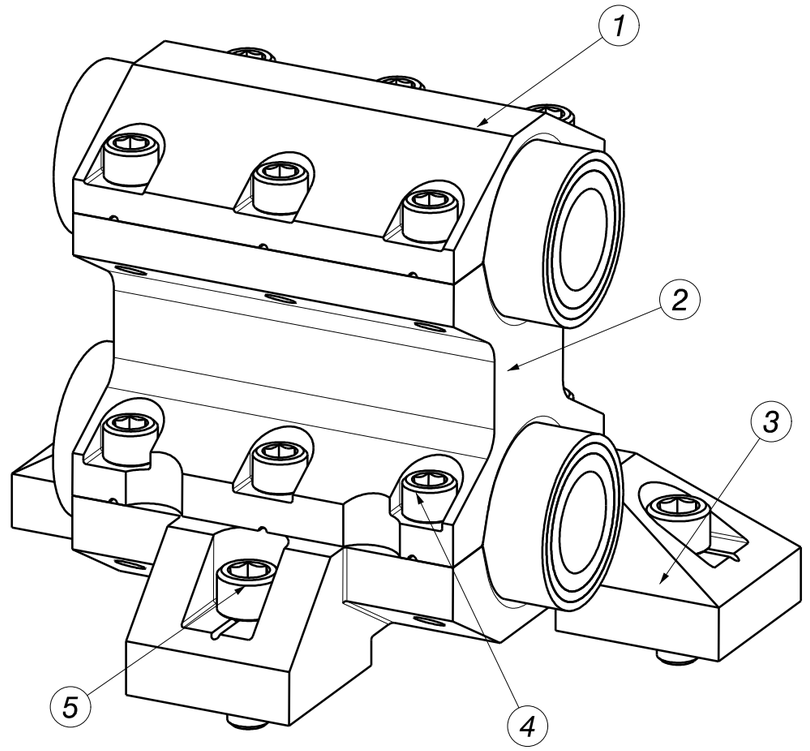
RELEASED BY Liangliang GENG	PROJECT NAME CONFIDENTIAL UNLESS AUTHORISED	ASIPP					
APPROVED BY Yu WU	The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.						
REVIEWED BY Houxiang HAN							
REPONSIBLE ENGINEER Jing JIN	WHERE TO BE USED LOWER_VS_FEEDER_FOAK	Applied Superconducting Engineering and Technology Division					
DESIGNER Zhiyu WANG	DRAWING NAME LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE 420x297 / SCALE /	SHEET NAME LOWER_CLAMP_02_LVF#SDYEWS	MATERIAL Inconel 625					
THIRD ANGLE PROJECTION	SHEET NUMBER SCC/IED15.06.01	QUANTITY 6	NO.OF SHTS 22	SHEET 32	TIME 07-29-2025	REVISION V1.0	



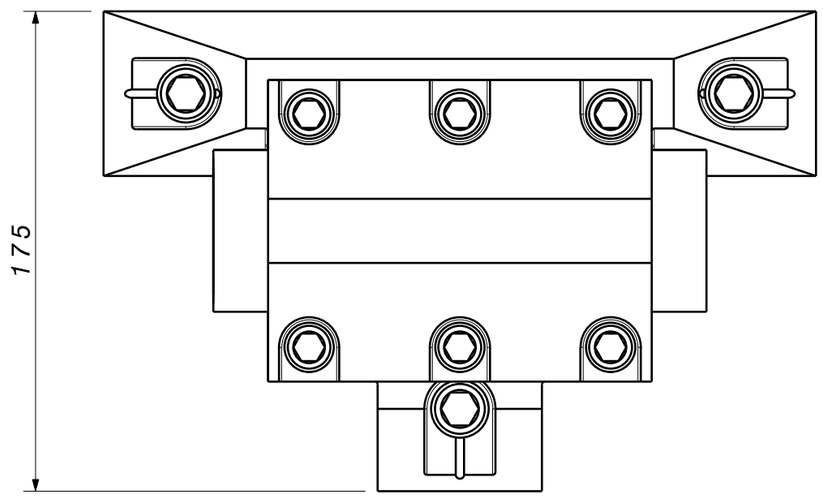
Front view



Right view



Isometric view



Top view

ITEM	DRAWING NUMBER	NAME	QTY	MATERIAL	WEIGHT	REMARKS
5	/	CYLINDER_HEAD_SCREW_ISO_4762_M14X40#U6MEHA	3	Inconel 718	0.249	/
4	/	CYLINDER_HEAD_SCREW_ISO_4762_M12X30#XV4PJ9	12	Inconel 718	0.576	/
3	SCC/IED15.07.01	LOWER_BRACKET_01_LVF#SDXRJE	1	Inconel 625	5.998	/
2	SCC/IED15.05.02	HOUSING_BRACKET_01_LVF#T92UMS	1	Inconel 625	5.594	Reference
1	SCC/IED15.05.01	UPPER_BRACKET_01_LVF#SDWXH7	1	Inconel 625	1.642	Reference

NOTE:
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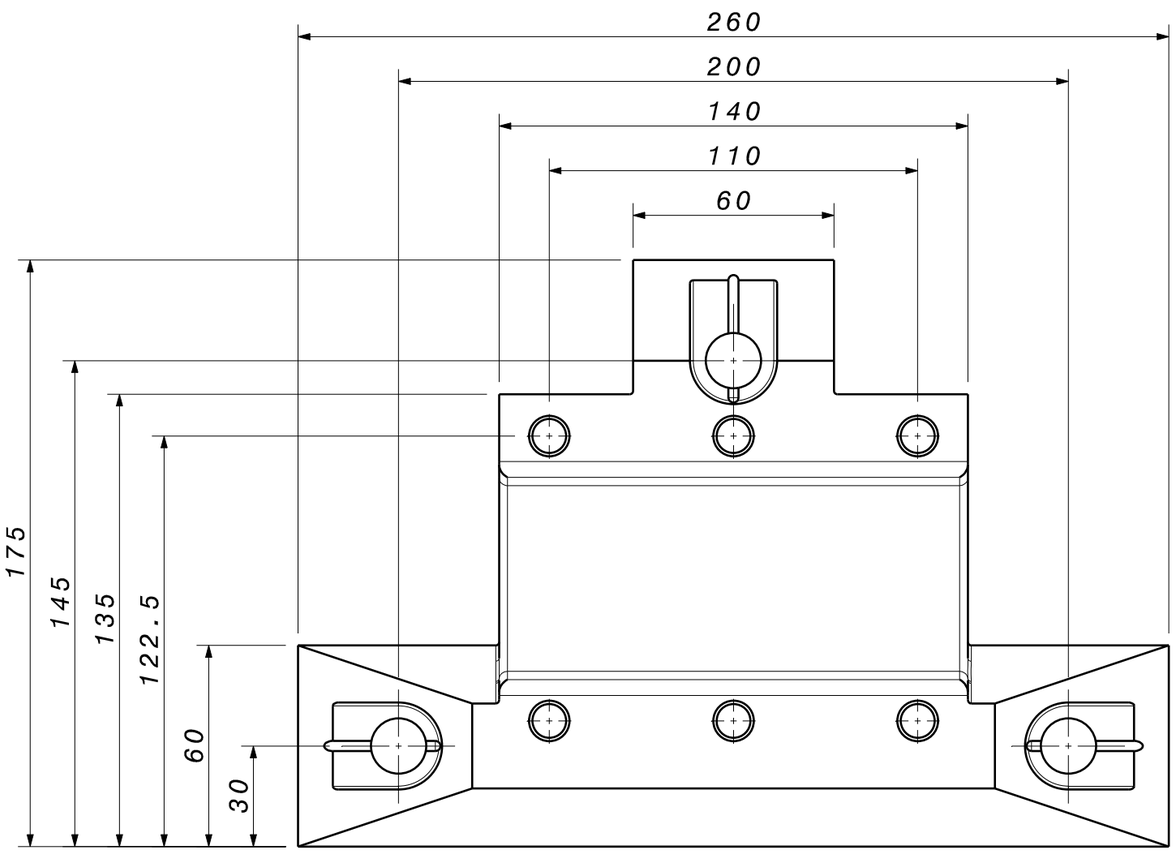
2. THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-M&K.
3. THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURR,NO SCARATCH AND ACUTE EDGE CHAMFERED.

RELEASED BY: Liangliang GENG
APPROVED BY: Yu WU
REVIEWED BY: Houxiang HAN
REPONSIBLE ENGINEER: Jing JIN
DESIGNER: Zhiyu WANG
SHEET SIZE: 420x297
SCALE: /
THIRD ANGLE PROJECTION

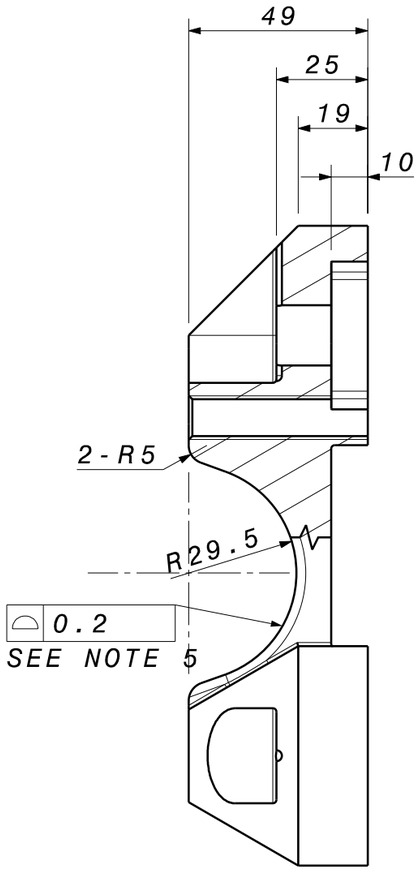
PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED

WHERE TO BE USED: LOWER_VS_FEEDER_FOAK
DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA
SHEET NAME: IVC_BRACKET_01_LVF#WP#SDXRSA
SHEET NUMBER: SCC/IED15.07
QUANTITY: 4
NO.OF SHTS: 23
SHEET: 32
TIME: 07-29-2025
REVISION: V1.0
MATERIAL: /

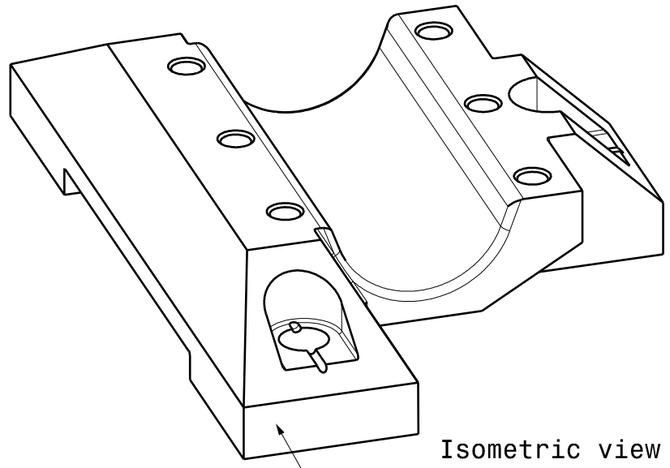
ASIPP
Applied Superconducting Engineering and Technology Division



Front view

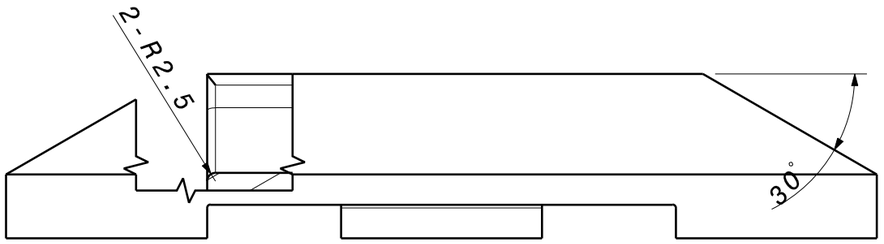


Right view



Isometric view

SEE NOTE 4
SDXRJE-01-01/04
SDXRJE-01-02/04
SDXRJE-01-03/04
SDXRJE-01-04/04

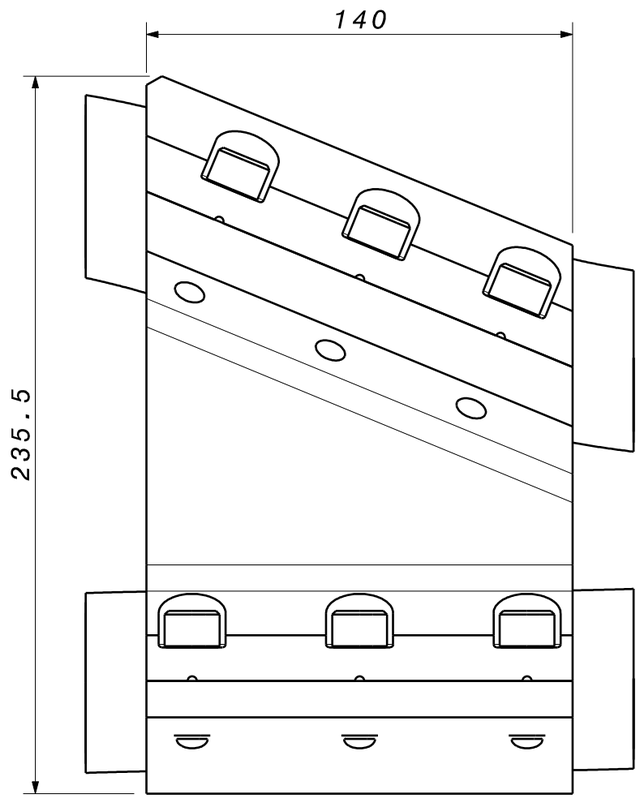


Bottom view

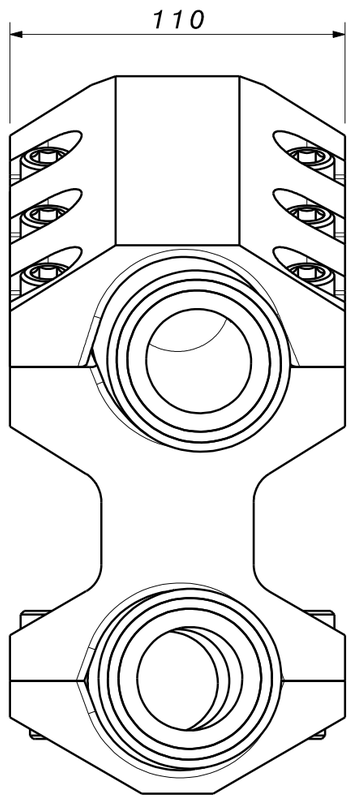
Ra3.2
ALL

Note:
1.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-m&K.
2.THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURRNO SCARATCH AND ACUTE EDGE CHAMFERED.
3.DIMENSIONS NOT PRESENT ARE ACCORDING TO 3D FILE.
4.THE PART NAME AND S/N ARE MAKED IN THE SUITABLE LOCATION.

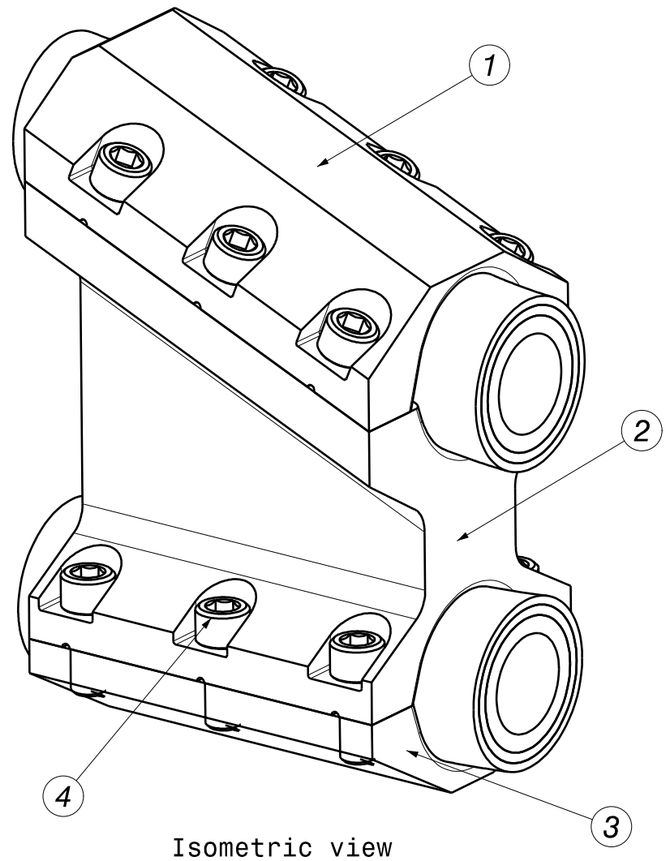
RELEASED BY: Liangliang GENG	PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED. The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.					ASIPP	
APPROVED BY: Yu WU							
REVIEWED BY: Houxiang HAN						Applied Superconducting Engineering and Technology Division	
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: LOWER_BRACKET_01_LVF#SDXRJE				MATERIAL: Inconel 625		
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.07.01	QUANTITY: 4	NO.OF SHTS: 24	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	



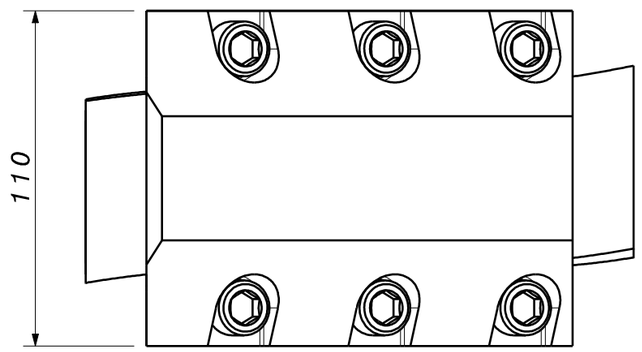
Front view



Right view
Scale: 1:2



Isometric view



Top view

NOTE:
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2. THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-M&K.
3. THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURR,NO SCARATCH AND ACUTE EDGE CHAMFERED.

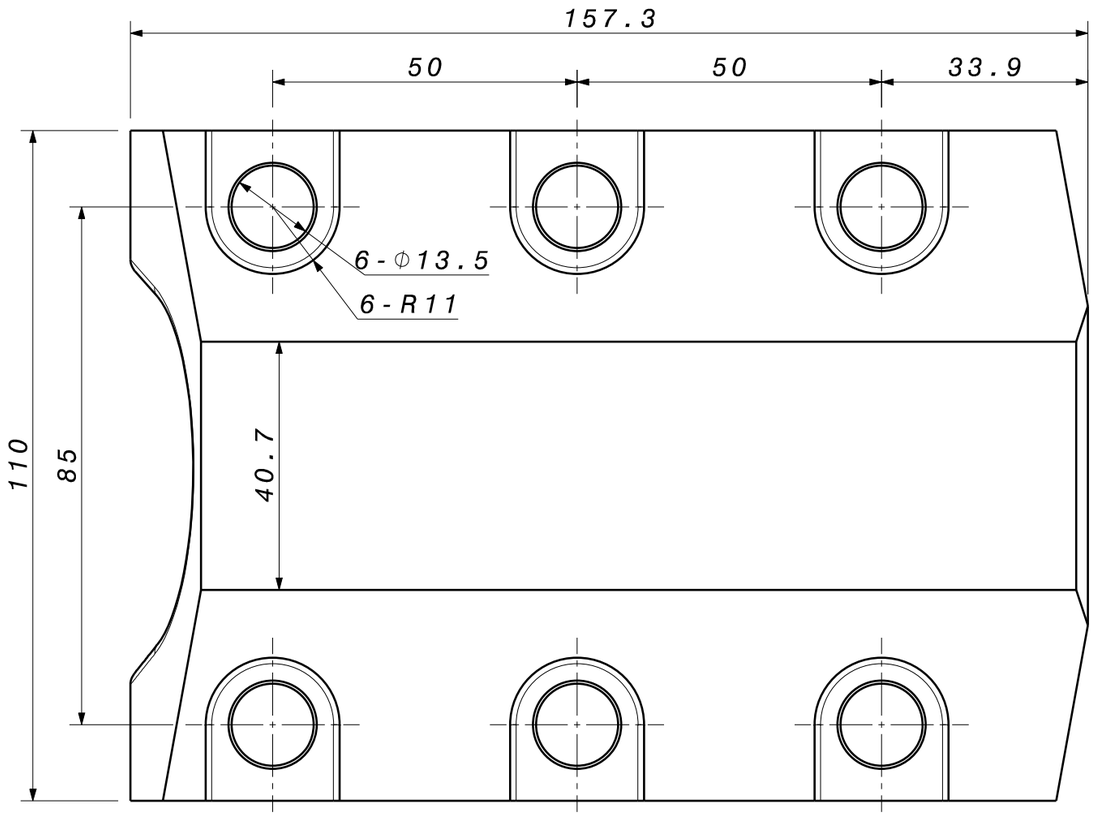
ITEM	DRAWING NUMBER	NAME	QTY	MATERIAL	WEIGHT	REMARKS
4	/	CYLINDER_HEAD_SCREW_ISO_4762_M12X30#XV4PJ9	12	Inconel 718	0.576	/
3	SCC/IED15.08.03	LOWER_CLAMP_01-SYM_LVF#XHCJGB	1	Inconel 625	1.818	/
2	SCC/IED15.08.02	HOUSING_CLAMP_01-SYM_LVF#XHCJJ8	1	Inconel 625	7.548	/
1	SCC/IED15.08.01	UPPER_CLAMP-01-SYM_LVF#XHCJL9	1	Inconel 625	2.097	/

RELEASED BY: Liangliang GENG
APPROVED BY: Yu WU
REVIEWED BY: Houxiang HAN
REPONSIBLE ENGINEER: Jing JIN
DESIGNER: Zhiyu WANG
SHEET SIZE: 420x297
SCALE: /
THIRD ANGLE PROJECTION

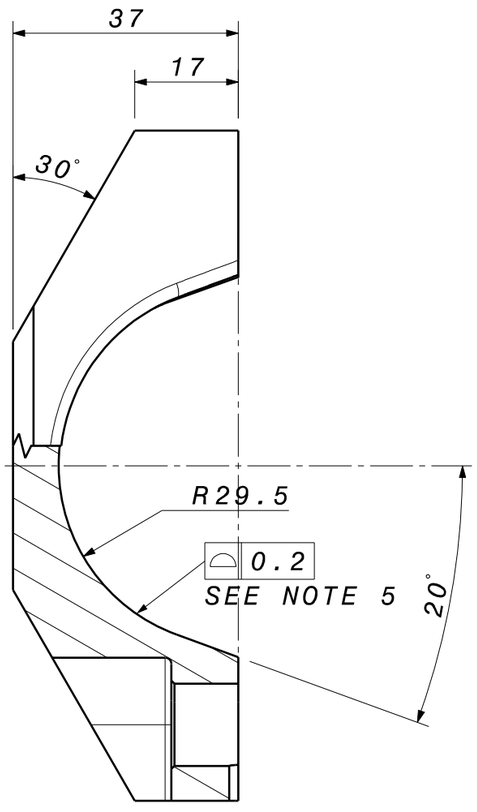
PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED

WHERE TO BE USED: LOWER_VS_FEEDER_FOAK
DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA
SHEET NAME: IVC_CLAMP_01-SYM_LVF#WP#XHCJEA
SHEET NUMBER: SCC/IED15.08
QUANTITY: 1
NO.OF SHTS: 25
SHEET: 32
TIME: 07-29-2025
REVISION: V1.0

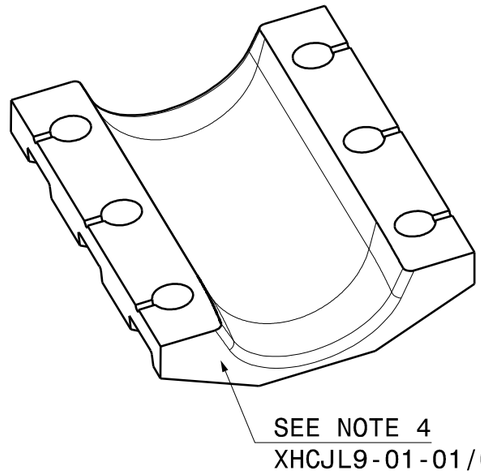
ASIPP
Applied Superconducting Engineering and Technology Division
MATERIAL: /



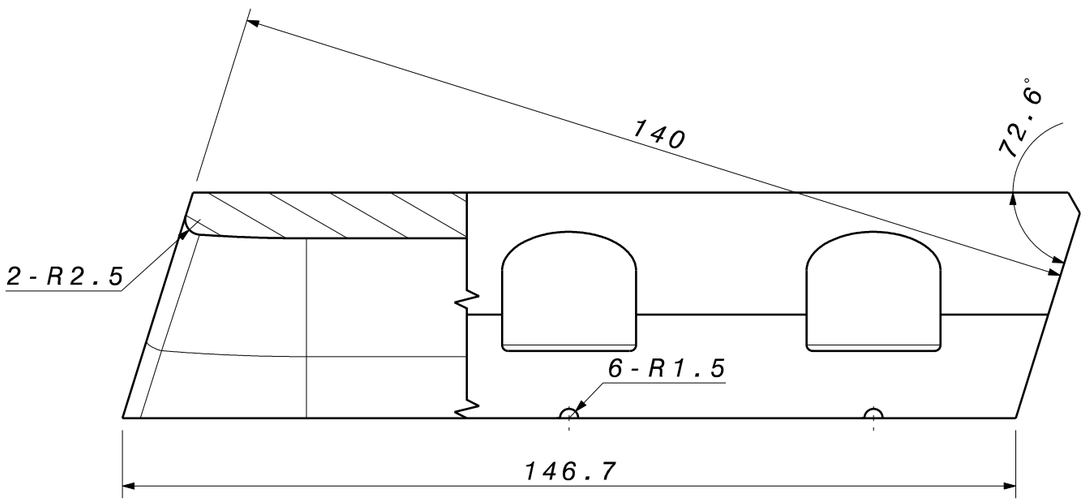
Front view



Right view



Isometric view



Bottom view

Note:
1.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-m&K.
2.THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURRNO SCARATCH AND ACUTE EDGE CHAMFERED.
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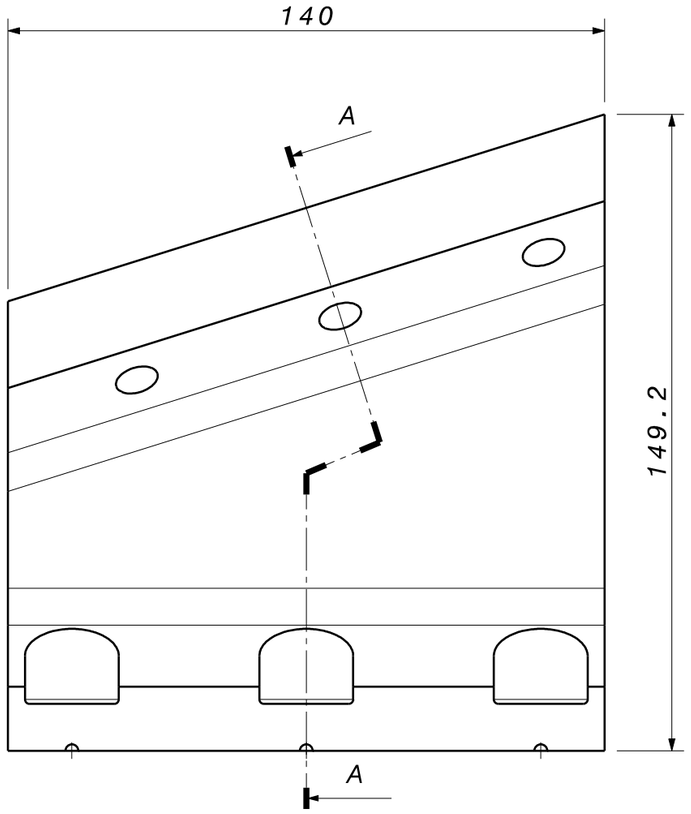
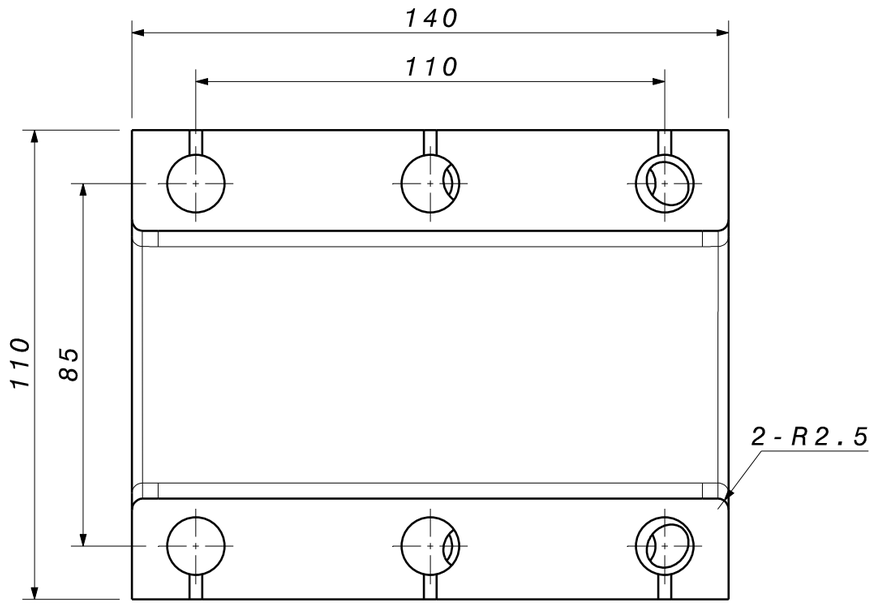
5.THE GROOVE SHAPE ARE REVERSE MANUFACUTRED ACCORDING TO THE ACTUAL SURFACES OF THE BENT CONDUCTORS.

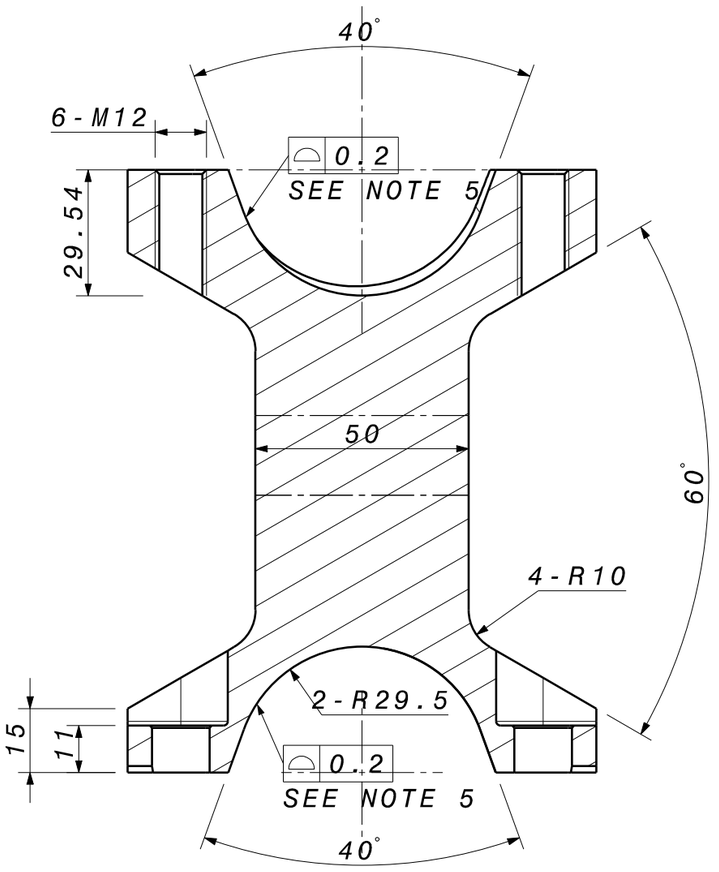
RELEASED BY: Liangliang GENG	PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED. The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.						ASIPP
APPROVED BY: Yu WU							
REVIEWED BY: Houxiang HAN							Applied Superconducting Engineering and Technology Division
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: UPPER_CLAMP-01-SYM_LVF#XHCJL9				MATERIAL: Inconel 625		
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.08.01	QUANTITY: 1	NO.OF SHTS: 26	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	



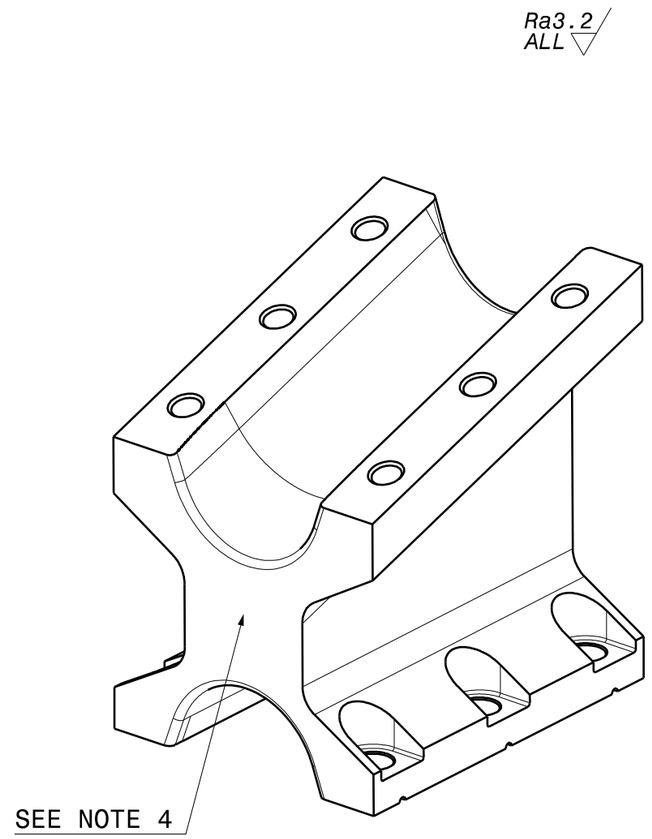
Front view



Bottom view



Section view A-A



Isometric view

Note:
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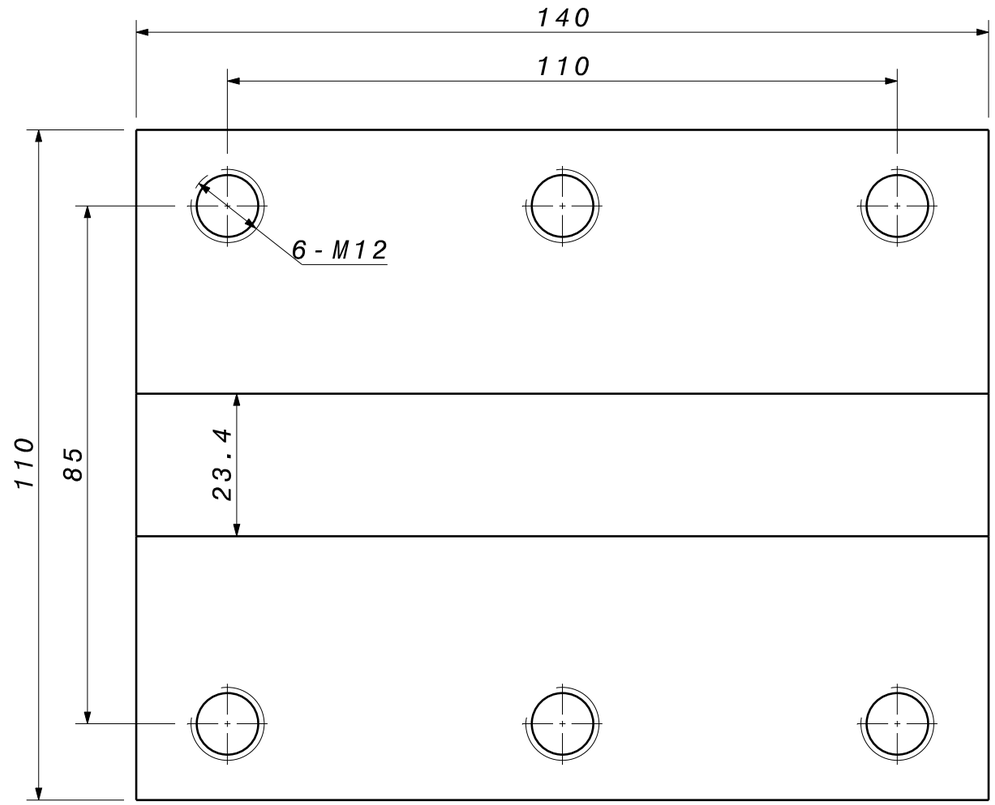
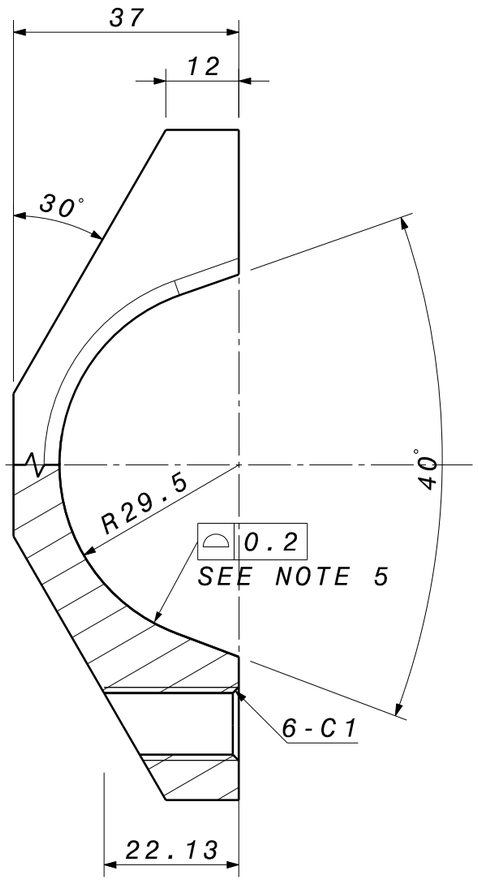
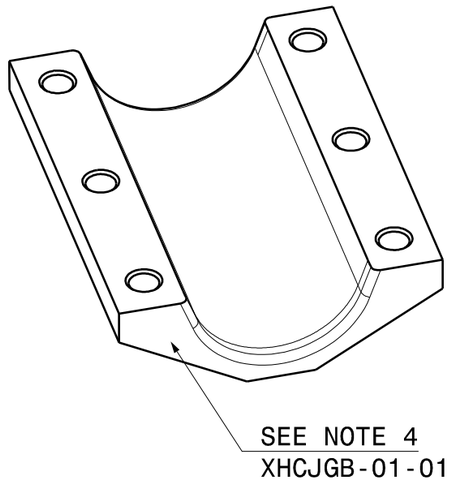
RELEASED BY: Liangliang GENG	PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED. The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.						ASIPP
APPROVED BY: Yu WU							
REVIEWED BY: Houxiang HAN							Applied Superconducting Engineering and Technology Division
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: HOUSING_CLAMP_01-SYM_LVF#XHCJJ8				MATERIAL	Inconel 625	
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.08.02	QUANTITY: 1	NO.OF SHTS: 27	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	



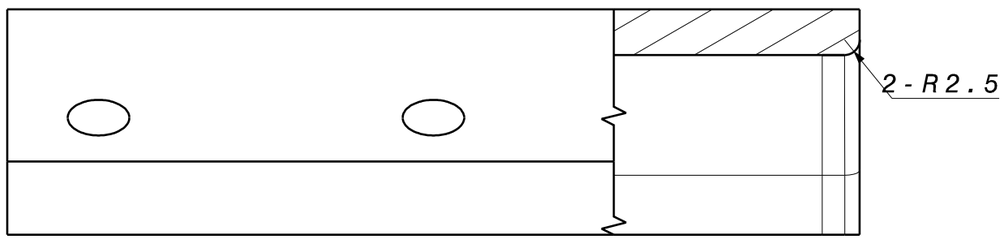
Front view



Right view



Isometric view



Bottom view

Ra3.2
ALL

Note:
1.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-m&K.
2.THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURRNO SCARATCH AND ACUTE EDGE CHAMFERED.
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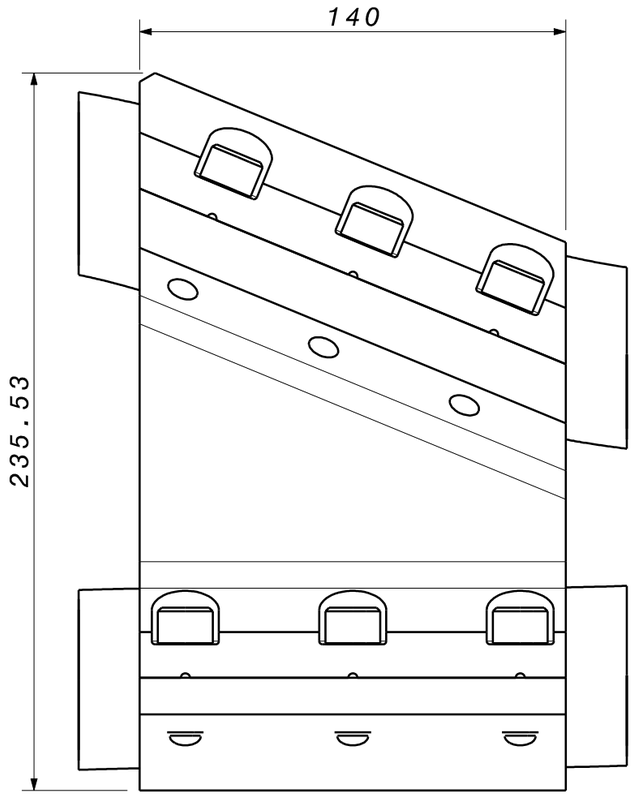
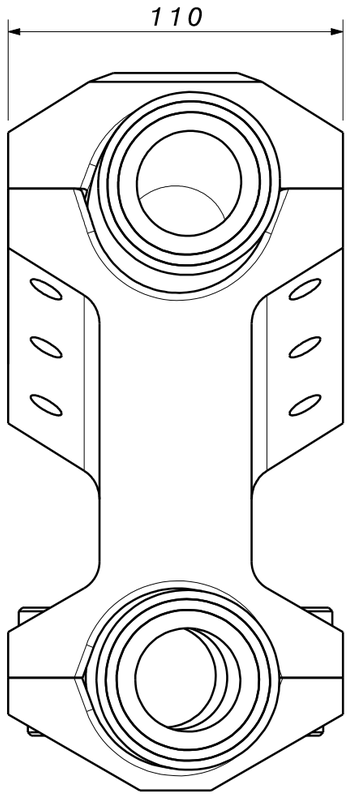
5.THE GROOVE SHAPE ARE REVERSE MANUFACUTRED ACCORDING TO THE ACTUAL SURFACES OF THE BENT CONDUCTORS.

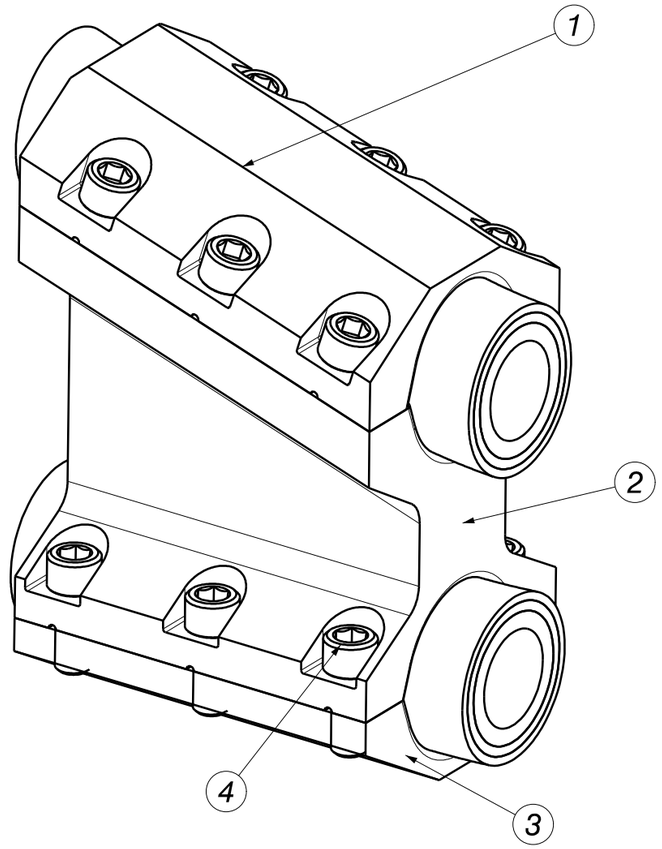
RELEASED BY: Liangliang GENG	PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED. The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.						ASIPP	
APPROVED BY: Yu WU								
REVIEWED BY: Houxiang HAN							Applied Superconducting Engineering and Technology Division	
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK							
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA							
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: LOWER_CLAMP_01-SYM_LVF#XHCJGB					MATERIAL: Inconel 625		
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.08.03	QUANTITY: 1	NO.OF SHTS: 28	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0		



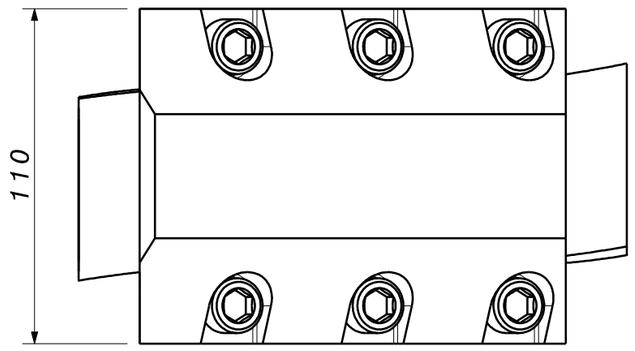
Front view



Left view



Isometric view



Top view

4	/	CYLINDER_HEAD_SCREW_ISO_4762_M12X30#XV4PJ9	12	Inconel 718	0.576	/
3	SCC/IED15.09.03	LOWER_CLAMP_01-VAR_LVF#XHCMTC	1	Inconel 625	1.817	/
2	SCC/IED15.09.02	HOUSING_CLAMP_01-VAR_LVF#XHCMVD	1	Inconel 625	7.768	/
1	SCC/IED15.09.01	UPPER_CLAMP_01-VAR_LVF#XHCMXA	1	Inconel 625	2.173	/
ITEM	*DRAWING NUMBER*	*NAME*	*QTY*	*MATERIAL*	*WEIGHT*	*REMARKS*

NOTE:
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2. THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-M&K.
3. THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURR,NO SCARATCH AND ACUTE EDGE CHAMFERED.

RELEASED BY: Liangliang GENG
APPROVED BY: Yu WU
REVIEWED BY: Houxiang HAN
REPONSIBLE ENGINEER: Jing JIN
DESIGNER: Zhiyu WANG
SHEET SIZE: *420x297* | SCALE: /
THIRD ANGLE PROJECTION

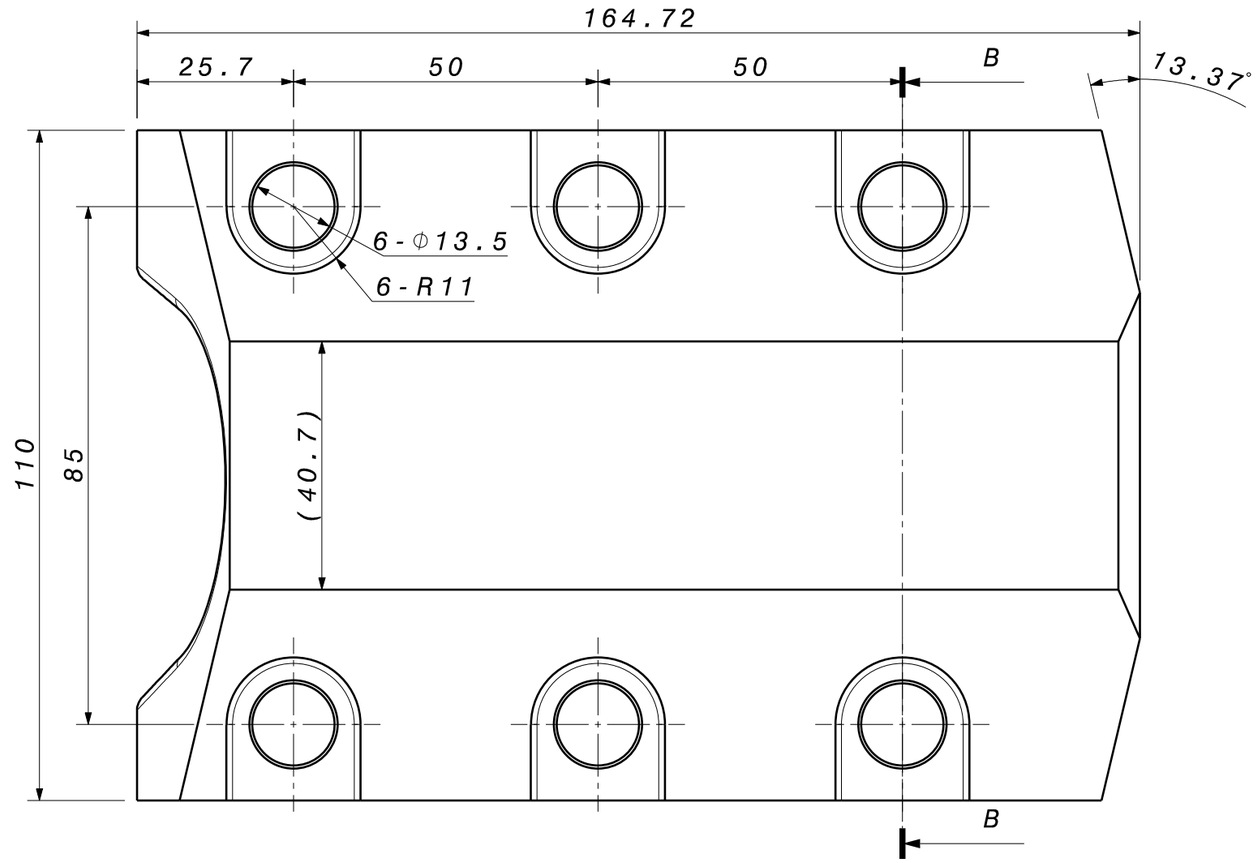
PROJECT NAME
CONFIDENTIAL UNLESS AUTHORISED

WHERE TO BE USED: LOWER_VS_FEEDER_FOAK
DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA
SHEET NAME: IVC_CLAMP_01-VAR_LVF#WP#XHCMRF

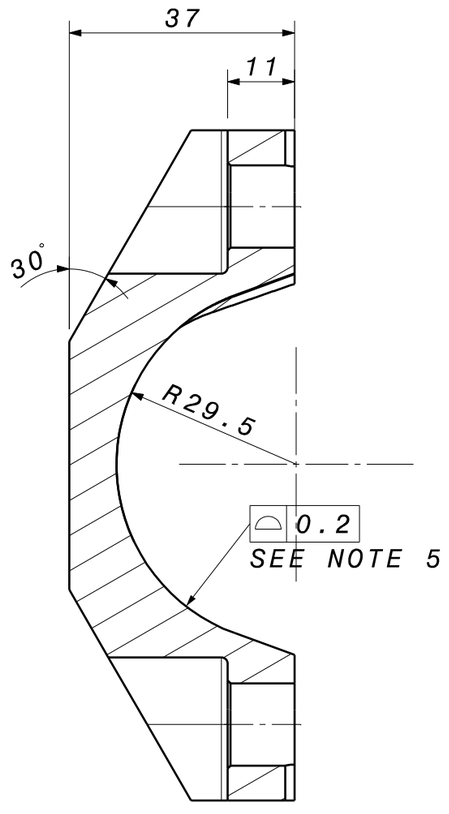
ASIPP
Applied Superconducting Engineering and Technology Division

MATERIAL: /

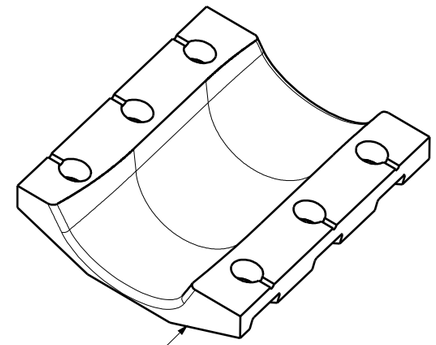
SHEET NUMBER	QUANTITY	NO.OF SHTS	SHEET	TIME	REVISION
SCC/IED15.09	1	29	32	07-29-2025	V1.0



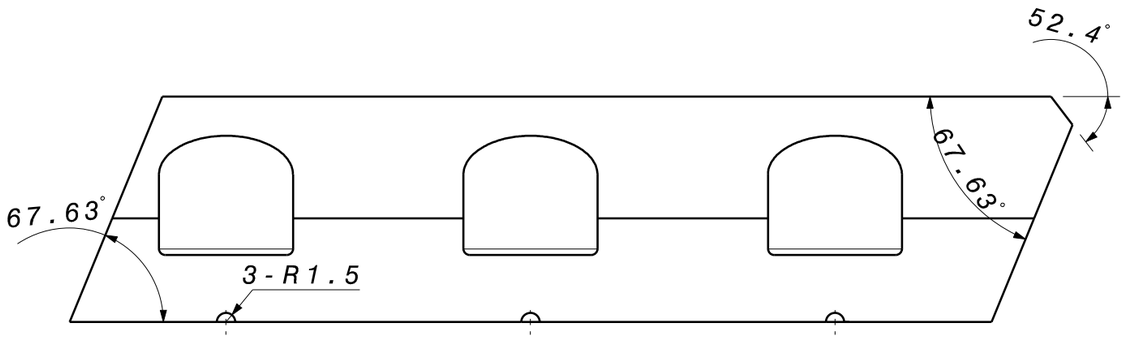
Front view



Section view B-B



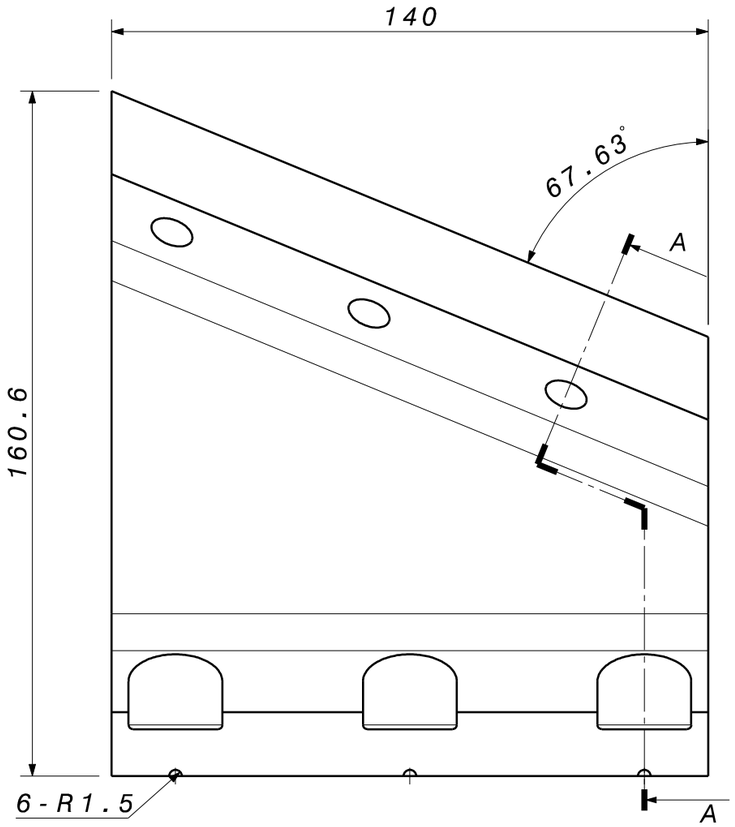
Isometric view



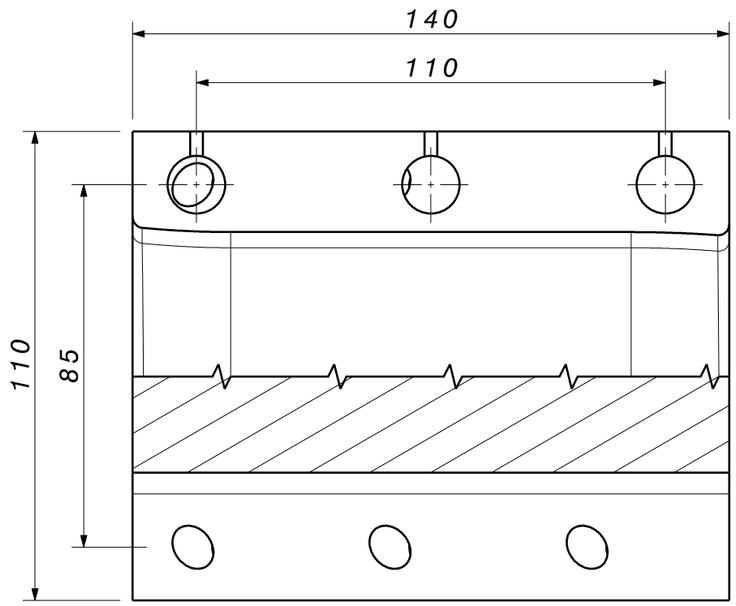
Bottom view

Note:
1.THE GENERAL DIMENSION TOLERANCE RAFER TO ISO 2768-m&K.
2.THE SURFACE SHALL BE SMOOTH AND CLEAN,NO BURRNO SCARATCH AND ACUTE EDGE CHAMFERED.
3.DIMENSIONS NOT PRESENT ARE ACCORDING TO 3D FILE.
4.THE PART NAME AND S/N ARE MAKED IN THE SUITABLE LOCATION.
5.THE GROOVE SHAPE ARE REVERSE MANUFACUTRED ACCORDING TO THE ACTUAL SURFACES OF THE BENT CONDUCTORS.

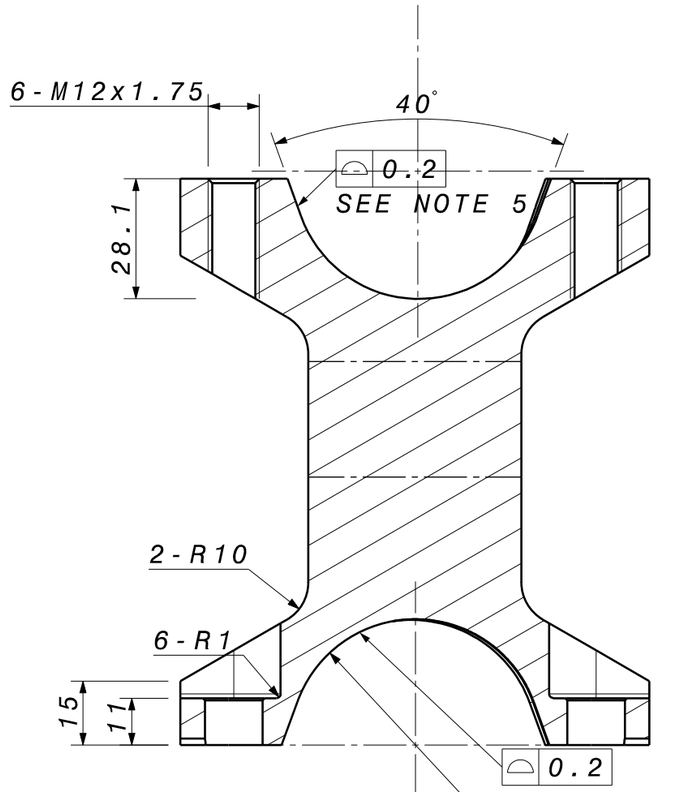
RELEASED BY: Liangliang GENG	PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED. The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.						ASIPP
APPROVED BY: Yu WU							
REVIEWED BY: Houxiang HAN							
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK						Applied Superconducting Engineering and Technology Division
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: UPPER_CLAMP_01-VAR_LVF#XHCMXA				MATERIAL	Inconel 625	
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.09.01	QUANTITY: 1	NO.OF SHTS: 30	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0	



Front view

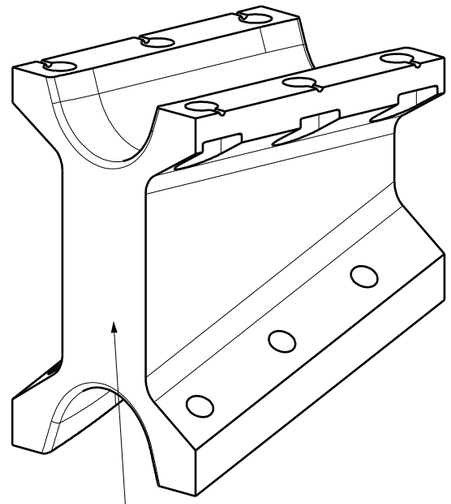


Bottom view



Section view A-A

Ra3.2
ALL



Isometric view

SEE NOTE 4
XHCMVD-01-01/01

Note:
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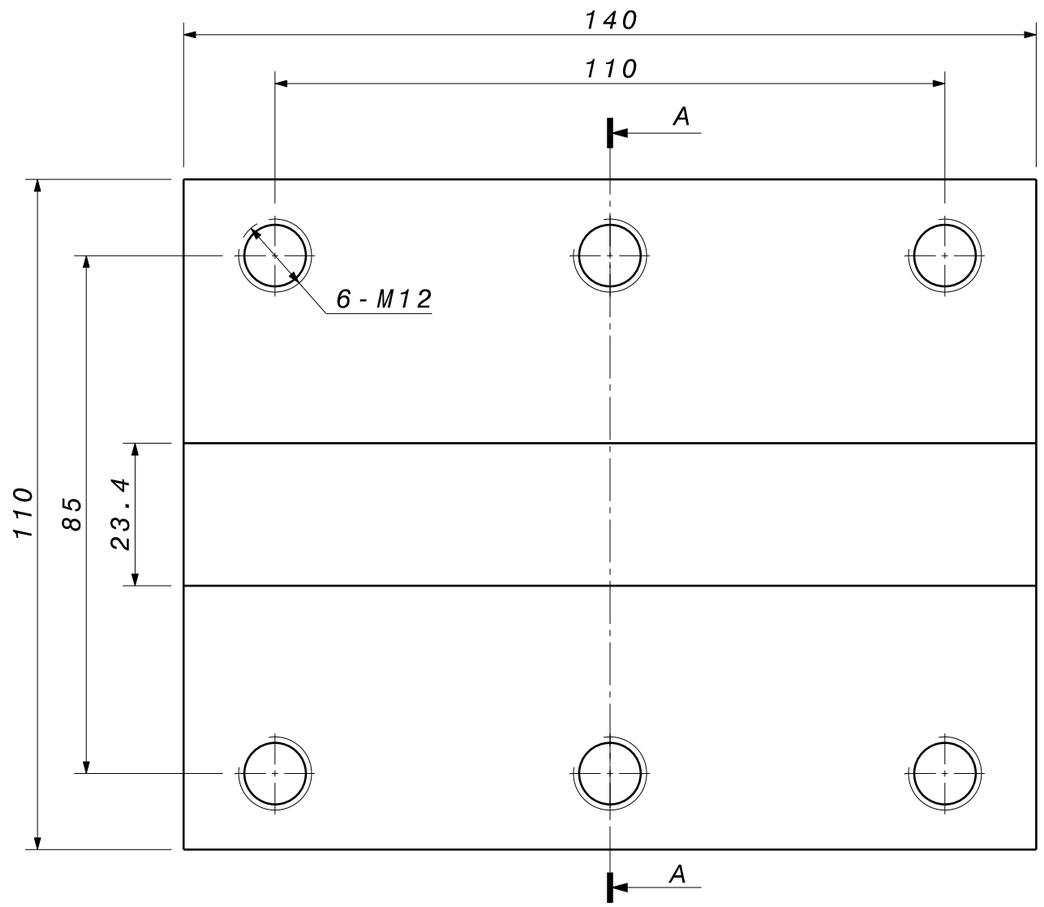
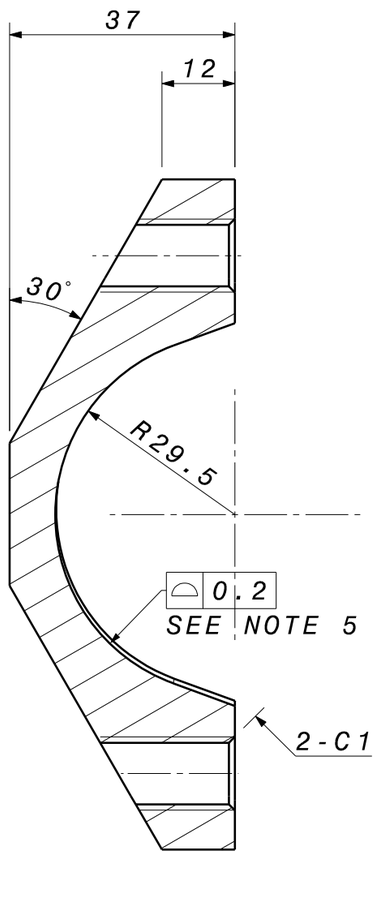
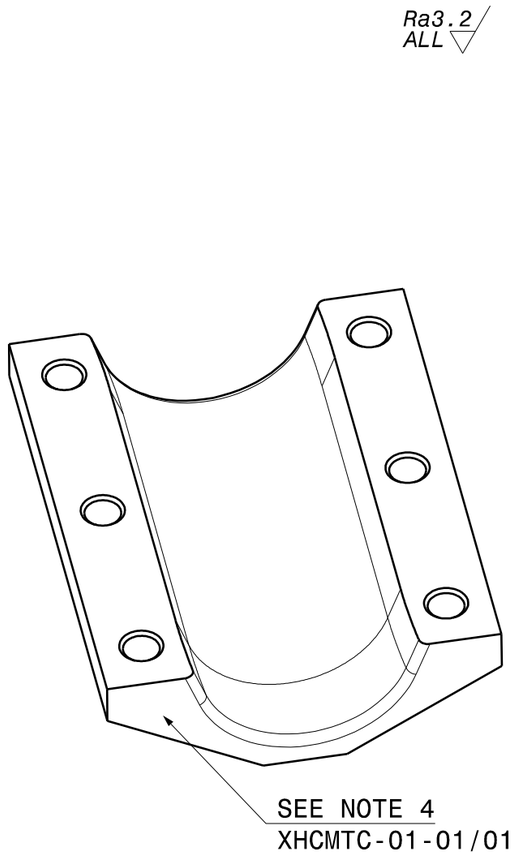
RELEASED BY: Liangliang GENG	PROJECT NAME: CONFIDENTIAL UNLESS AUTHORISED. The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.				ASIPP	
APPROVED BY: Yu WU						
REVIEWED BY: Houxiang HAN						
REPONSIBLE ENGINEER: Jing JIN	WHERE TO BE USED: LOWER_VS_FEEDER_FOAK				Applied Superconducting Engineering and Technology Division	
DESIGNER: Zhiyu WANG	DRAWING NAME: LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA					
SHEET SIZE: 420x297 / SCALE: /	SHEET NAME: HOUSING_CLAMP_01-VAR_LVF#XHCMVD				MATERIAL: Inconel 625	
THIRD ANGLE PROJECTION	SHEET NUMBER: SCC/IED15.09.02	QUANTITY: 1	NO.OF SHTS: 31	SHEET: 32	TIME: 07-29-2025	REVISION: V1.0



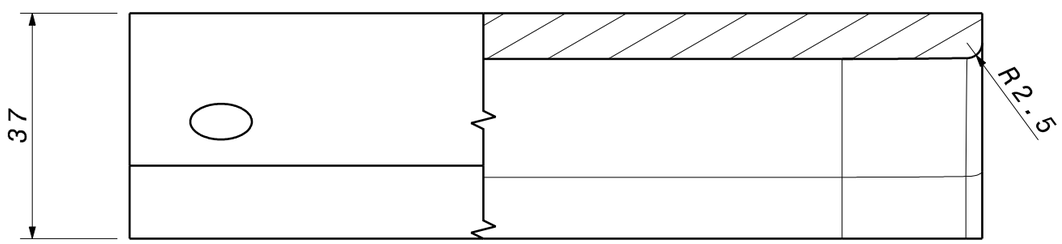
Front view



Section view A-A



Isometric view



Bottom view

Note:
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RELEASED BY Liangliang GENG	PROJECT NAME CONFIDENTIAL UNLESS AUTHORISED						
APPROVED BY Yu WU	The information on this drawing is confidentialunder the terms of the ASIPP agreement.Thisinformation shall not be transmitted to anyonewho is not authorised to receive it.						
REVIEWED BY Houxiang HAN							
REPONSIBLE ENGINEER Jing JIN	WHERE TO BE USED LOWER_VS_FEEDER_FOAK						
DESIGNER Zhiyu WANG	DRAWING NAME LWR_VS_FEEDER-SYM-VAR#WP#SQTEMA						
SHEET SIZE 420x297 / SCALE /	SHEET NAME LOWER_CLAMP_01-VAR_LVF#XHCMTC				MATERIAL	Inconel 625	
THIRD ANGLE PROJECTION	SHEET NUMBER SCC/IED15.09.03	QUANTITY 1	NO.OF SHTS 32	SHEET 32	TIME 07-29-2025	REVISION V1.0	

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