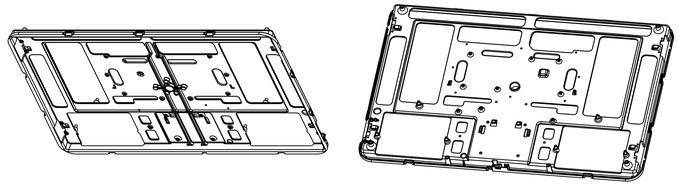
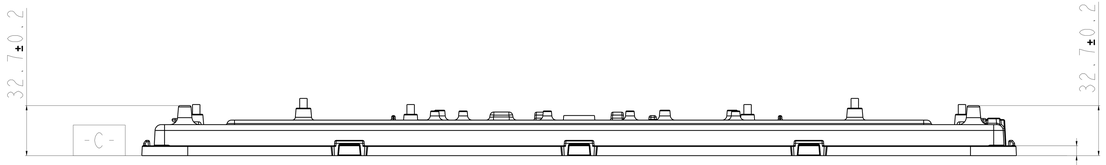
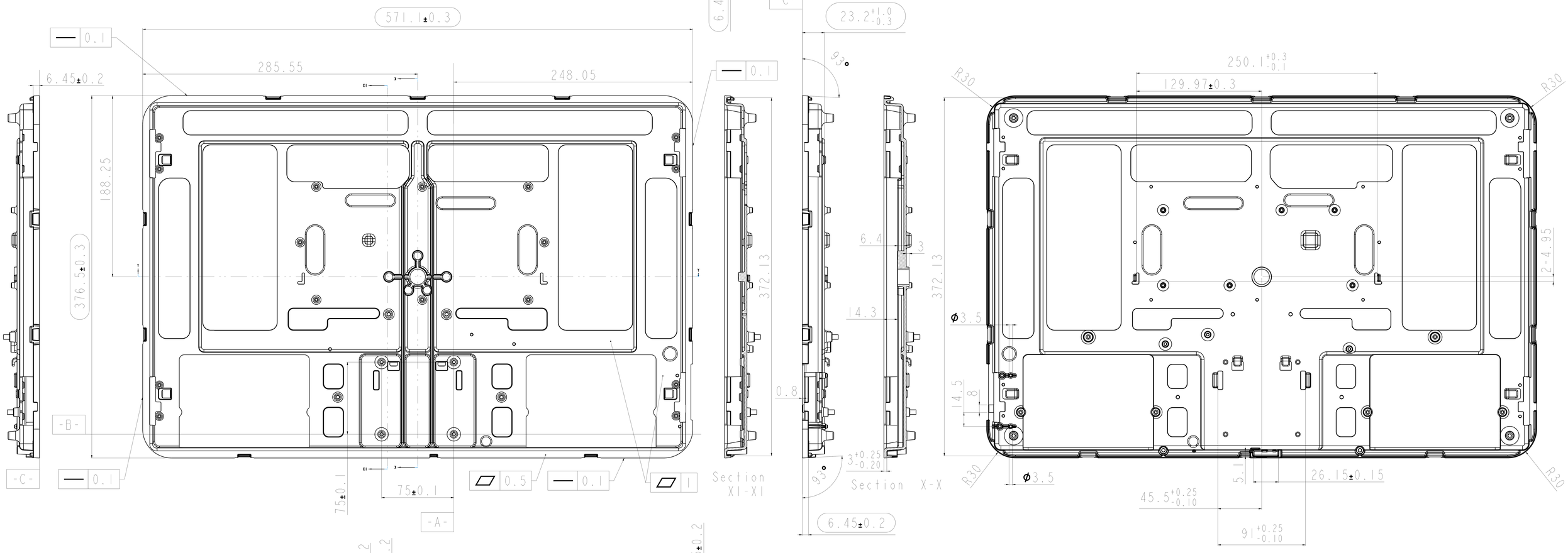
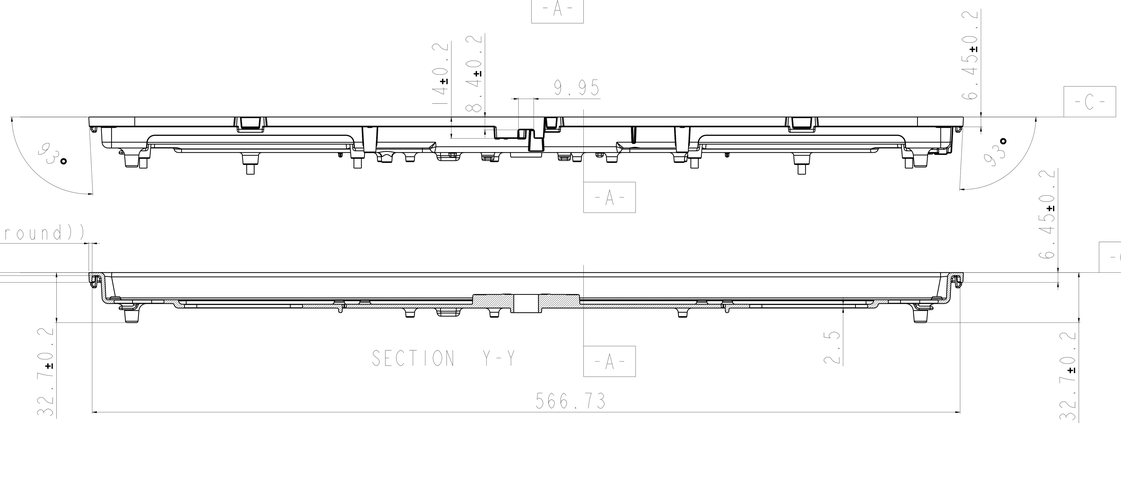
REV.	DATE	DESCRIPTION	BY	APVD
-	2025-02-27	FIRST RELEASE	Joseph	



SCALE 1/3







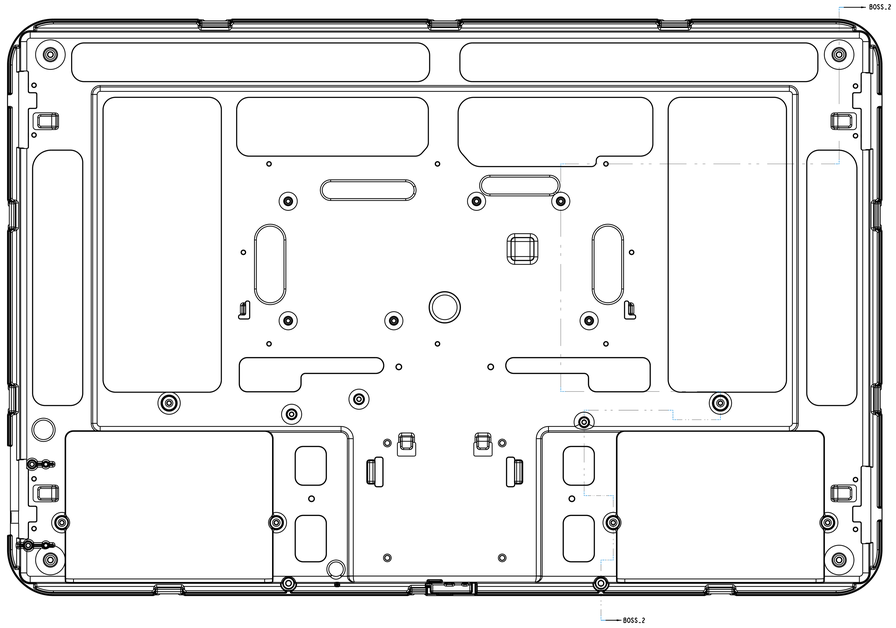
Note:
1. ⬭ Inspection dimension.
2. Treatment:
   Plating:N/A
   Painting:N/A
   Conductive chromate conversion coat:YES
3. Burrs & sharp edges allowed in 0.1mm max, based on the principle of not hurting hands.
4. Deformation and flatness distortion <=1.0mm
5. Weight:1147±20g
6. Unspecified dimension refer to CAD drawing file.
7. Burry hole torque >=15kgf-cm
   Helicoil screw thread inserts:Torque >=22kgf-cm.
8. DIVA QC inspection document NO.:QWI-014
9. No oil,scratch,water marks ...cosmetic defect on surface.
10. Packing:Reference packing list of the supplier SOP.
11. RoHS compliant

RANGE OF DIMENSION	TOLERANCE CLASS DESIGNATION		
	fine	medium	coarse
UP TO 3	±0.05	±0.1	±0.2
OVER 3-6	±0.05	±0.1	±0.3
OVER 6-30	±0.1	±0.2	±0.5
OVER 30-120	±0.15	±0.3	±0.8
OVER 120-400	±0.2	±0.5	±1.2
OVER 400-1000	±0.3	±0.8	±2.0
OVER 1000-2000	±0.5	±1.2	±3.0
OVER 2000-4000	-	±2.0	±8.0
ANGLE ±1° (±1.75/100)			

THIRD ANGLE PROJECTION

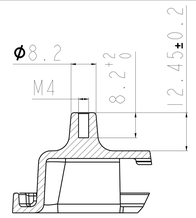
UNITS: mm	SCALE: 1/1	SHEET: 1 OF 4	MODEL NO.: RGT2422AM11		
MATERIAL:	ADC12	TREATMENT:	PASSIVATION		
DSGD by	Joseph	2025-02-27	PART NAME:	MAIN BRACKET	
CHK by			DIVA P/N:		
APVD by			Qisda NO.:		
APVD NO.:		3D FILE NAME:	24_14601_MAIN_BRACKET	DIVA Laboratories ,Ltd.	

REV.	DATE	DESCRIPTION	BY	APVD
-	2025-02-27	FIRST RELEASE	Joseph	



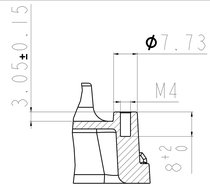
ITEM	Thread type	Diameter	High	Description	QTY
A	M4	Ø8.2	12.45	Blind hole,Thread depth 8.2	4
B	M4	Ø7.73	3.05	Blind hole,Thread depth 8.0	2
C	M4	Ø8.0	4.0	Through thread,assembly helicoil screw thread inserts. Insert location under the surface 1.4±0.5mm.	4
D	M4	Ø8.2	2.5	Through thread	2
E	M4	Ø7.8	2.5	Through thread	2
F	M3	Ø5.4	6.0	Blind hole,Thread depth 6.0	6
G	M3	Ø6.7	2.0	Through thread	8
H	M3	Ø9.63/Ø4.9	7.83/6.35	Blind hole,Thread depth 8.0	2
I	M3	Ø8.6/Ø4.9	6.78/6.35	Blind hole,Thread depth 8.0	4
J	M3	Ø6.7	2.5	Through thread	8
K	M3	Ø7.2	4.25	Through thread	3
L	M3	Ø5.5	6.5	Through thread	2

A:M4 (Blind hole)



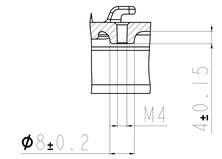
SECTION BOSS_2-BOSS_2
SCALE 2.00

B:M4 (Blind hole)



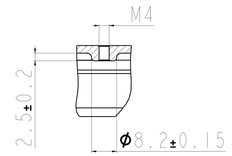
SECTION BOSS_2-BOSS_2
SCALE 2.000

C:M4 (Through hole)



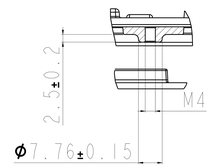
SECTION BOSS_1-BOSS_1
SCALE 2.000

D:M4 (Through hole)



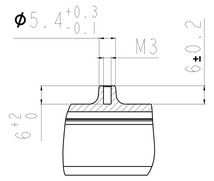
SECTION BOSS_1-BOSS_1
SCALE 2.000

E:M4 (Through hole)



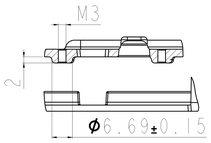
SECTION BOSS_1-BOSS_1
SCALE 2.000

F:M3 (Blind hole)



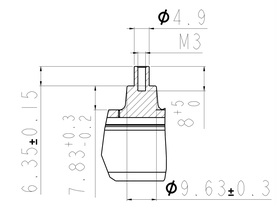
SECTION BOSS_2-BOSS_2
SCALE 2.000

G:M3 (Through hole)



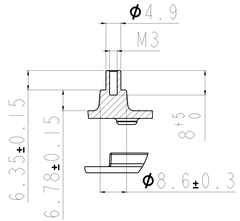
SECTION BOSS_1-BOSS_1
SCALE 2.000

H:M3 (Through hole)



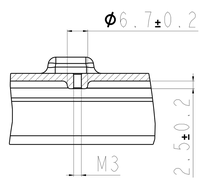
SECTION BOSS_2-BOSS_2
SCALE 2.000

I:M3 (Blind hole)



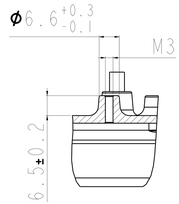
SECTION BOSS_2-BOSS_2
SCALE 2.000

J:M3 (Through hole)



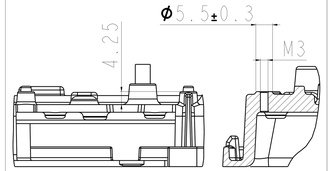
SECTION BOSS_1-BOSS_1
SCALE 2.000

K:M3 (Through hole)



SECTION BOSS_1-BOSS_1
SCALE 2.000

L:M3 (Through hole)

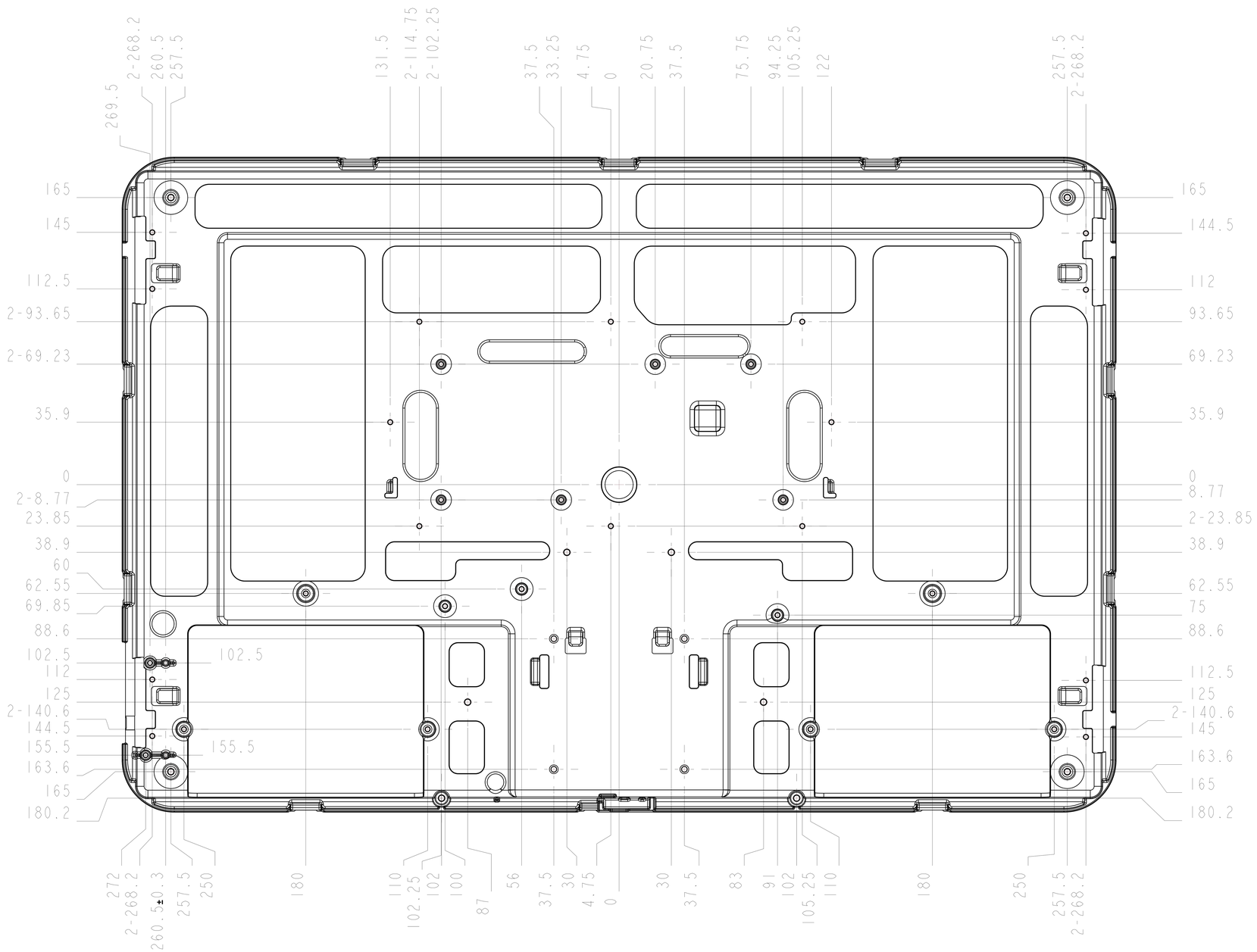


SECTION LED_BOSS-LED_BOSS
SCALE 2.000

Note:
1.Burry hole torque >=15kgf-cm
2.Helicoil screw thread inserts:Torque >=22kgf-cm, withstand 20 removals and installations.

RANGE OF DIMENSION	TOLERANCE CLASS DESIGNATION			THIRD ANGLE PROJECTION	UNITS: mm	SCALE: 1/1	SHEET: 2 OF 4	MODEL NO.: RGT2422AM11
	fine	medium	coarse		MATERIAL:	ADC12	TREATMENT:	PASSIVATION
UP TO 3	±0.05	±0.1	±0.2	DSGD by	Joseph	2025-02-27	PART NAME:	MAIN BRACKET
OVER 3-6	±0.05	±0.1	±0.3	CHK by			DIVA P/N:	
OVER 6-30	±0.1	±0.2	±0.5	APVD by			Qisda NO.:	
OVER 30-120	±0.15	±0.3	±0.8					
OVER 120-400	±0.2	±0.5	±1.2					
OVER 400-1000	±0.3	±0.8	±2.0					
OVER 1000-2000	±0.5	±1.2	±3.0	APVD NO.:		3D FILE NAME:	DIVA Laboratories ,Ltd.	
OVER 2000-4000	-	±2.0	±8.0			24_14601_MAIN_BRACKET		
ANGLE ±1° (±1.75/100)								

REV.	DATE	DESCRIPTION	BY	APVD
-	2025-02-27	FIRST RELEASE	Joseph	

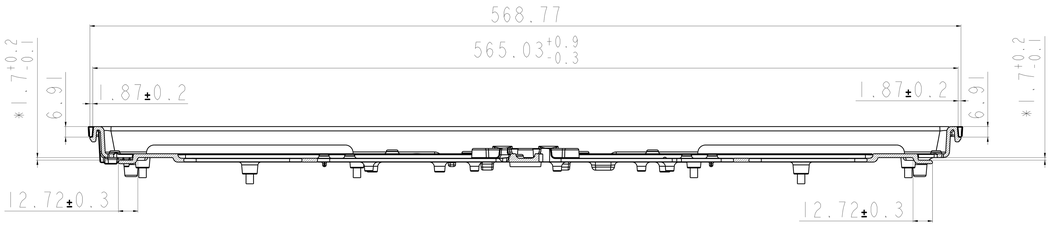


RANGE OF DIMENSION	TOLERANCE CLASS DESIGNATION		
	fine	medium	coarse
UP TO 3	±0.05	±0.1	±0.2
OVER 3-6	±0.05	±0.1	±0.3
OVER 6-30	±0.1	±0.2	±0.5
OVER 30-120	±0.15	±0.3	±0.8
OVER 120-400	±0.2	±0.5	±1.2
OVER 400-1000	±0.3	±0.8	±2.0
OVER 1000-2000	±0.5	±1.2	±3.0
OVER 2000-4000	-	±2.0	±8.0
ANGLE ±1° (±1.75/100)			

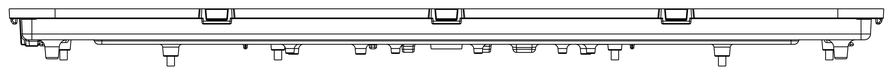
THIRD ANGLE PROJECTION

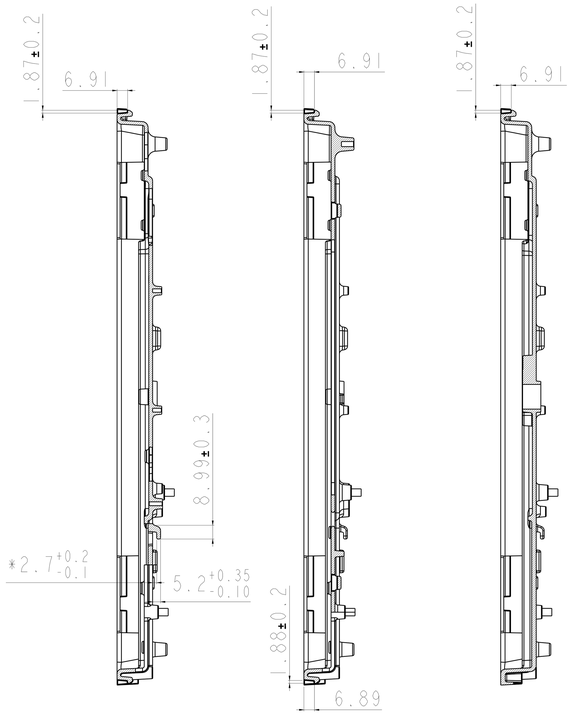
UNITS: mm	SCALE: 3/2	SHEET: 3 OF 4	MODEL NO.: RGT2422AM11		
MATERIAL: ADC12	TREATMENT: PASSIVATION				
DSGD by	Joseph	2025-02-27	PART NAME: MAIN BRACKET		
CHK by			DIVA P/N:		
APVD by			Qisda NO.:		
APVD NO.:	3D FILE NAME: 24_14601_MAIN_BRACKET		DIVA Laboratories ,Ltd.		

REV.	DATE	DESCRIPTION	BY	APVD
-	2025-02-27	FIRST RELEASE	Joseph	



SECTION HOOK_Y1-HOOK_Y1

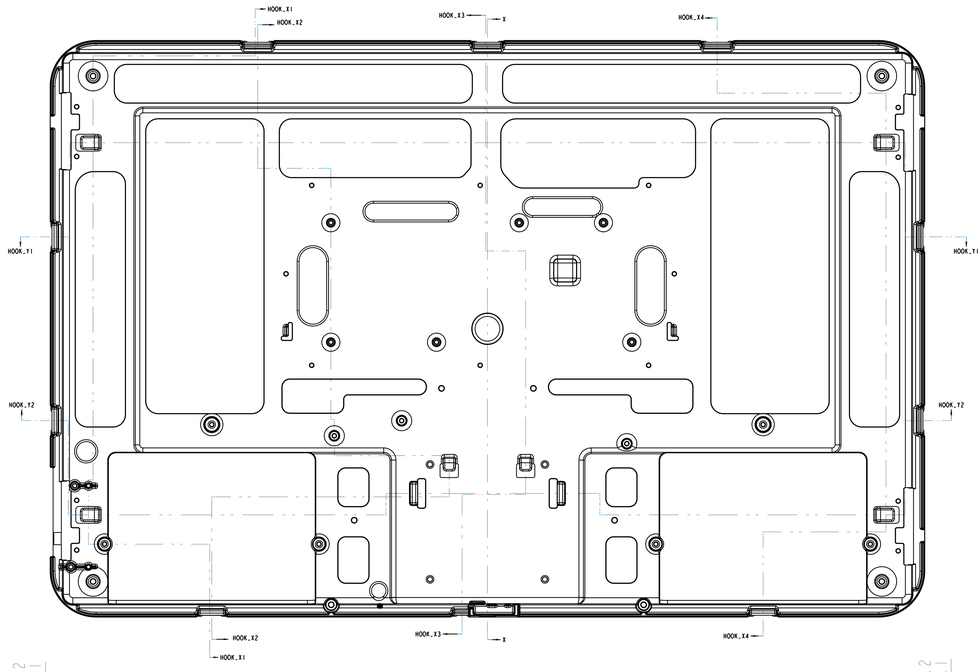


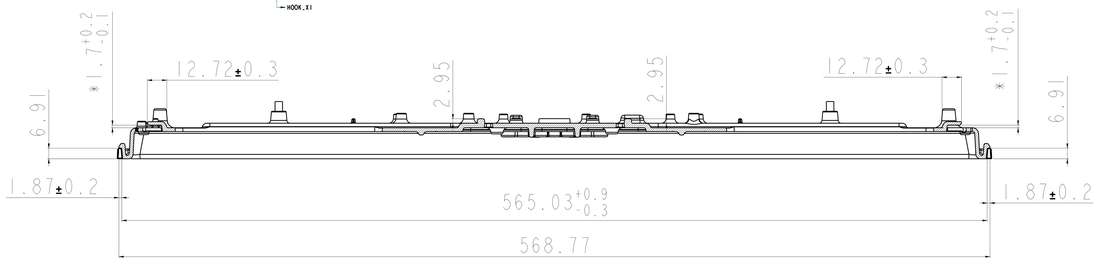


SECTION HOOK_X2-HOOK_X2

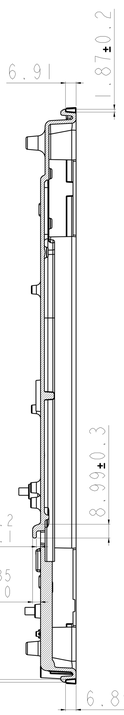
SECTION HOOK_X1-HOOK_X1

SECTION X-X

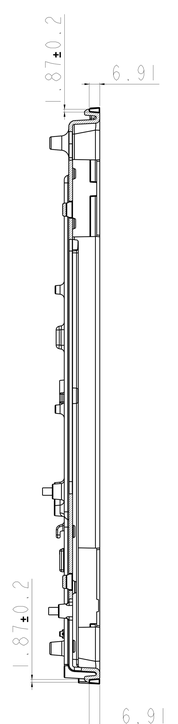




SECTION HOOK_Y2-HOOK_Y2



SECTION HOOK_X3-HOOK_X3



SECTION HOOK_X4-HOOK_X4

Note:
1. *Inspection dimension.Use the jig inspection.

RANGE OF DIMENSION	TOLERANCE CLASS DESIGNATION			THIRD ANGLE PROJECTION	UNITS: mm	SCALE: 1/1	SHEET: 4 OF 4	MODEL NO.: RGT2422AM11
	f	V			MATERIAL: ADC12		TREATMENT: PASSIVATION	
	fine	medium	coarse	DSGD by Joseph	2025-02-27	PART NAME: MAIN BRACEKET		
UP TO 3	±0.05	±0.1	±0.2	CHK by		DIVA P/N:		
OVER 3-6	±0.05	±0.1	±0.3	APVD by		Qisda NO.:		
OVER 6-30	±0.1	±0.2	±0.5	APVD NO.:	3D FILE NAME: 24.14601_MAIN_BRACKET	DIVA Laboratories ,Ltd.		
OVER 30-120	±0.15	±0.3	±0.8					
OVER 120-400	±0.2	±0.5	±1.2					
OVER 400-1000	±0.3	±0.8	±2.0					
OVER 1000-2000	±0.5	±1.2	±3.0					
OVER 2000-4000	-	±2.0	±8.0					
ANGLE ±1° (±1.75/100)								