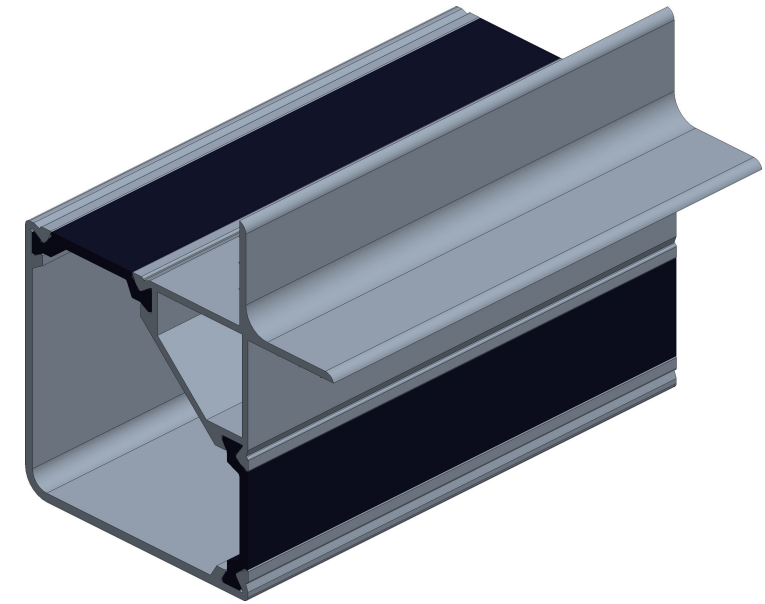
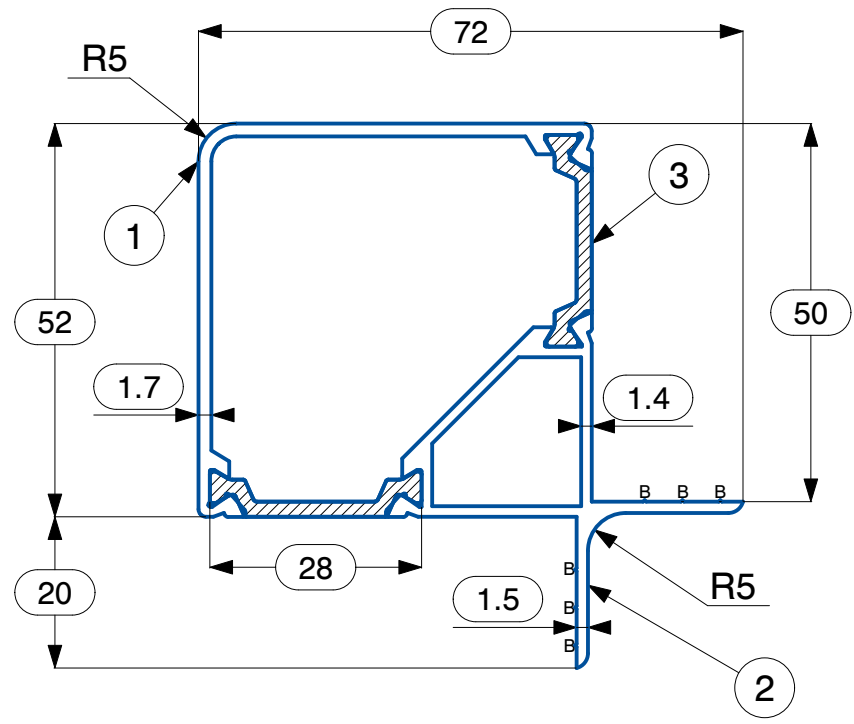



NOTE		
SL. NO.	NOTE	DESCRIPTION
1	☐	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE




TOLERANCE #		APPROVALS		DATE
0.5 ~ < 10	±0.30	DRAWN	VISWA	20-01-2026
10 ~ < 25	±0.50	CHECKED	KALEEL	20-01-2026
25 ~ < 50	±0.70	APPROVED		
50 ~ < 100	±1.00	MATERIAL: EN AW 6063 - T6		
100 ~ < 150	±1.20	FINISH : MILL (Unless specified) Based on customer request on finish, below is applicable FOR ANODIZED : 5-10 MICRONS FOR POWDER COATED : 60-100 MICRONS		
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		PERIMETER: Ext : 245.38 mm AREA: 546.31 mm² Int : -		
TWIST ALONG THE LENGTH = 3 mm/M		CUT LENGTH: 6000 (±10) mm		
STRAIGHTNESS = 5 mm/M		WEIGHT RANGE : 1.11 - 1.41 Kg/m		
FLATNESS : 0.008 X WIDTH		ALL DIMENSIONS ARE IN mm (MILLIMETERS) UNTILL UNLESS SPECIFIED		
SCALE : 1:1				
CORNER & FILLET RADII : < 5 - ±0.5mm > 5 - ± 10%				



VIVANT SOLUTIONS PRIVATE LIMITED,
PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,
CHENNAI, TAMILNADU, INDIA

TITLE : THERMAL BREAK CORNER PROFILE ASSEMBLY FOR 52-50 SYSTEM

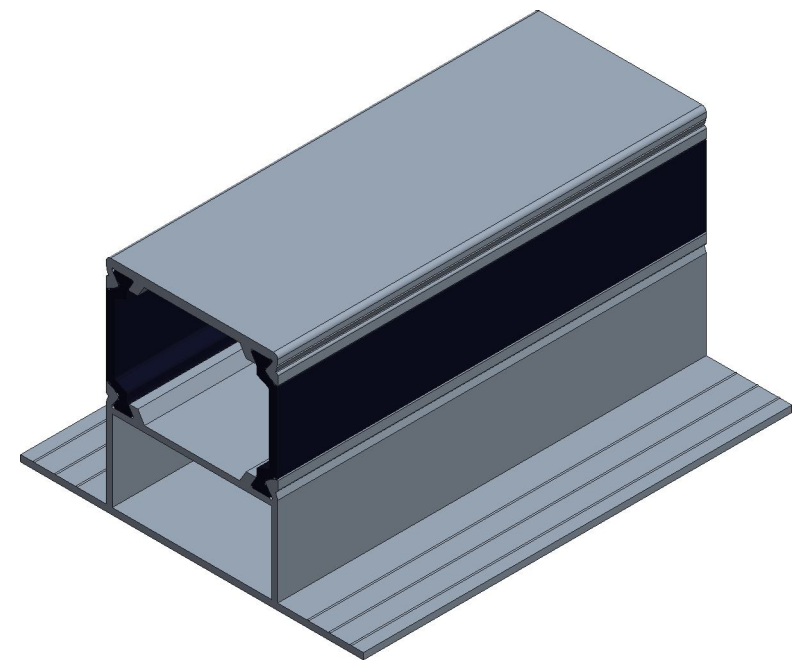
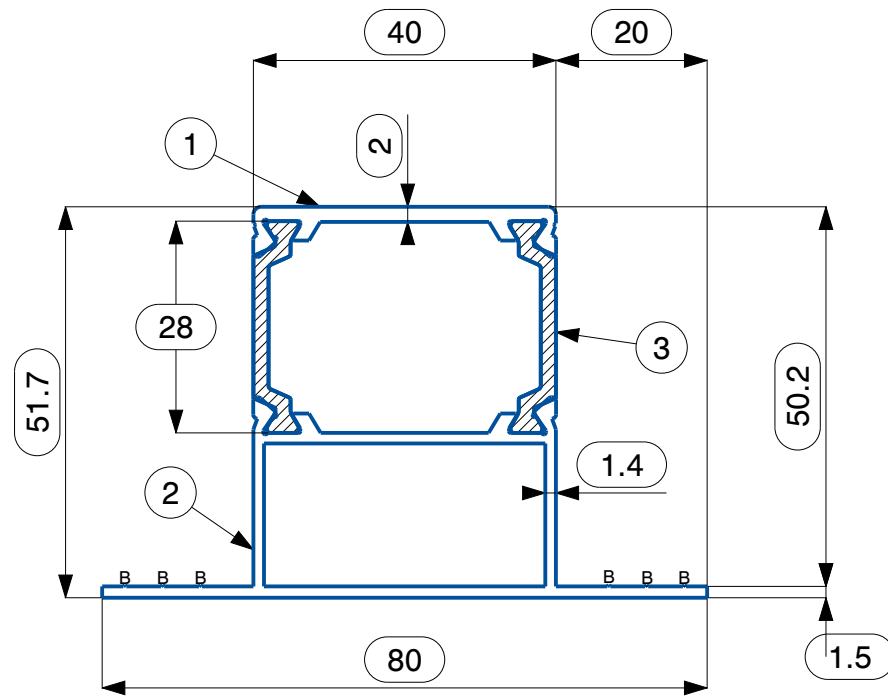
PART CODE : TBALC-5250

THIRD ANGLE PROJECTION	SIZE : A4
	RIBS : B = 0.2 X 90° (6 PLACES)
# REFERENCE STANDARDS - BSEN-755-9-2008	REV : 0


3	52-50 THERMAL BREAK POLY 28-C	VSPL/AHU/1028	TBPL-28-C
2	52-50 THERMAL BREAK CORNER INNER	VSPL/AHU/5139	TBALCI-52-50
1	52-50 THERMAL BREAK CORNER OUTER	VSPL/AHU/5138	TBALCO-52-50
NAME	DESCRIPTION	PART NO.	CODE

NOTE		
SL. NO.	NOTE	DESCRIPTION
1	□	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE



TOLERANCE #		APPROVALS		DATE
0.5 ~ < 10	±0.30	DRAWN	VISWA	16-10-2023
10 ~ < 25	±0.50	CHECKED	KALEEL	20-01-2026
25 ~ < 50	±0.70	APPROVED		
50 ~ < 100	±1.00	MATERIAL: EN AW 6063 - T6		
100 ~ < 150	±1.20	FINISH : MILL (Unless specified) Based on customer request on finish, below is applicable FOR ANODIZED : 5-10 MICRONS FOR POWDER COATED : 60-100 MICRONS		
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		PERIMETER: Ext : 226.97 mm AREA: 509.41 mm² Int : -		
TWIST ALONG THE LENGTH = 3 mm/M		CUT LENGTH: 6000 (±10) mm		
STRAIGHTNESS = 5 mm/M		WEIGHT RANGE : 1.01 - 1.31 Kg/m		
FLATNESS : 0.008 X WIDTH		ALL DIMENSIONS ARE IN mm (MILLIMETERS) UNTILL UNLESS SPECIFIED		
SCALE : 1:1				
CORNER & FILLET RADII : < 5 - ±0.5mm > 5 - ± 10%				




VIVANT SOLUTIONS

VIVANT SOLUTIONS PRIVATE LIMITED,
PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,
CHENNAI, TAMILNADU, INDIA

TITLE : THERMAL BREAK OMEGA PROFILE ASSEMBLY FOR 52-50 SYSTEM

PART CODE : TBALO-5250

THIRD ANGLE PROJECTION	SIZE : A4
	RIBS : B = 0.2 X 90° (6 PLACES)
# REFERENCE STANDARDS - BSEN-755-9-2008	REV : 0

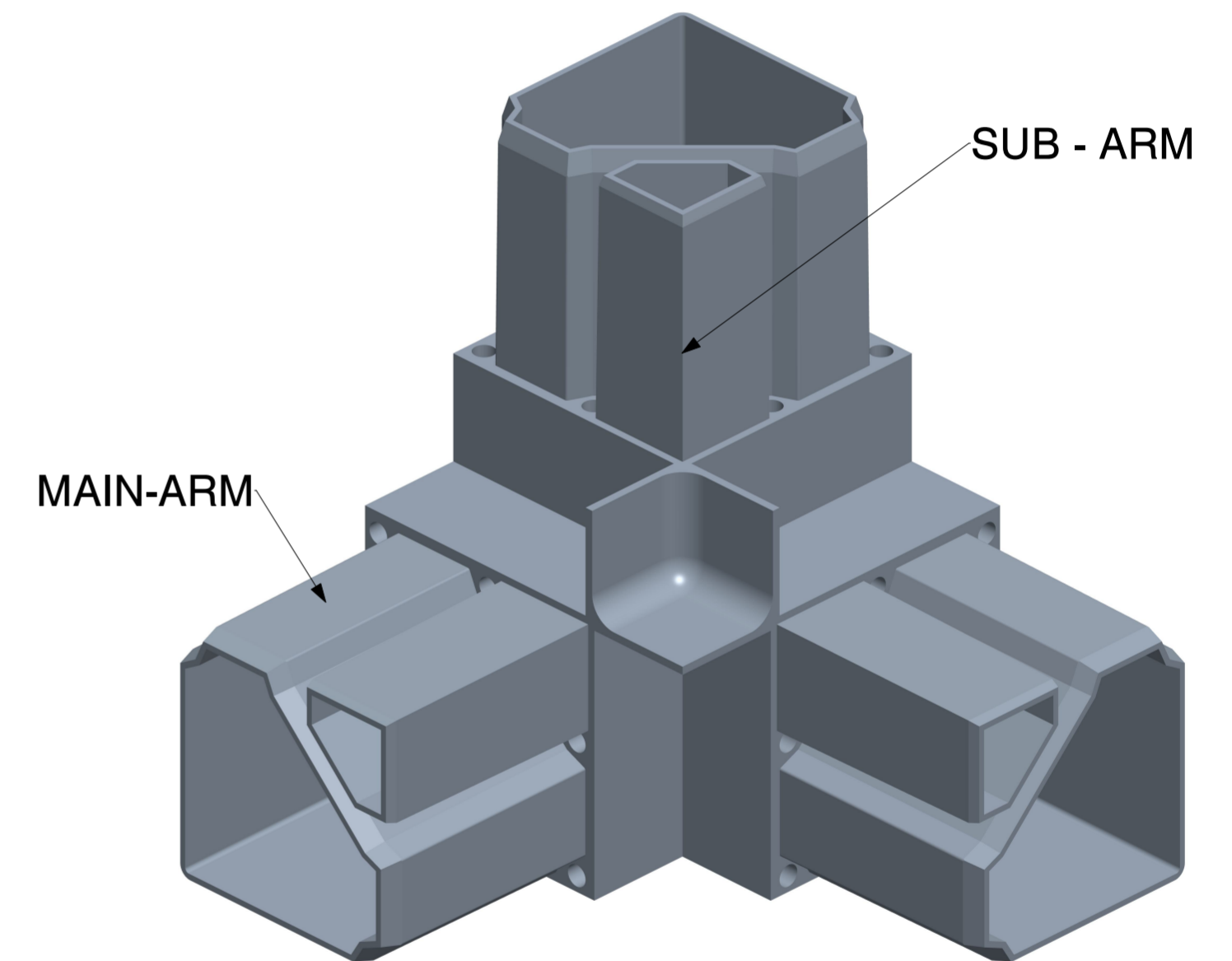
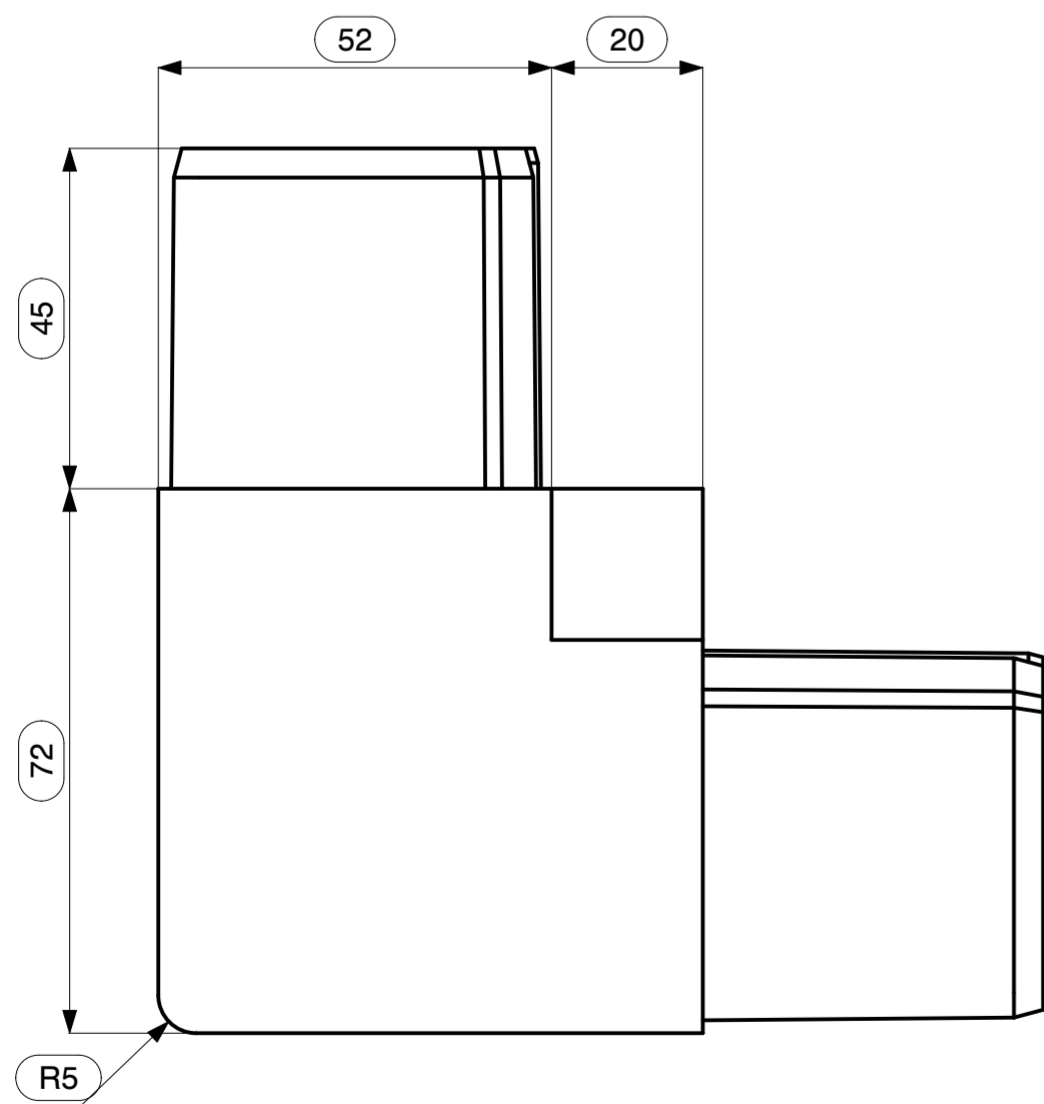
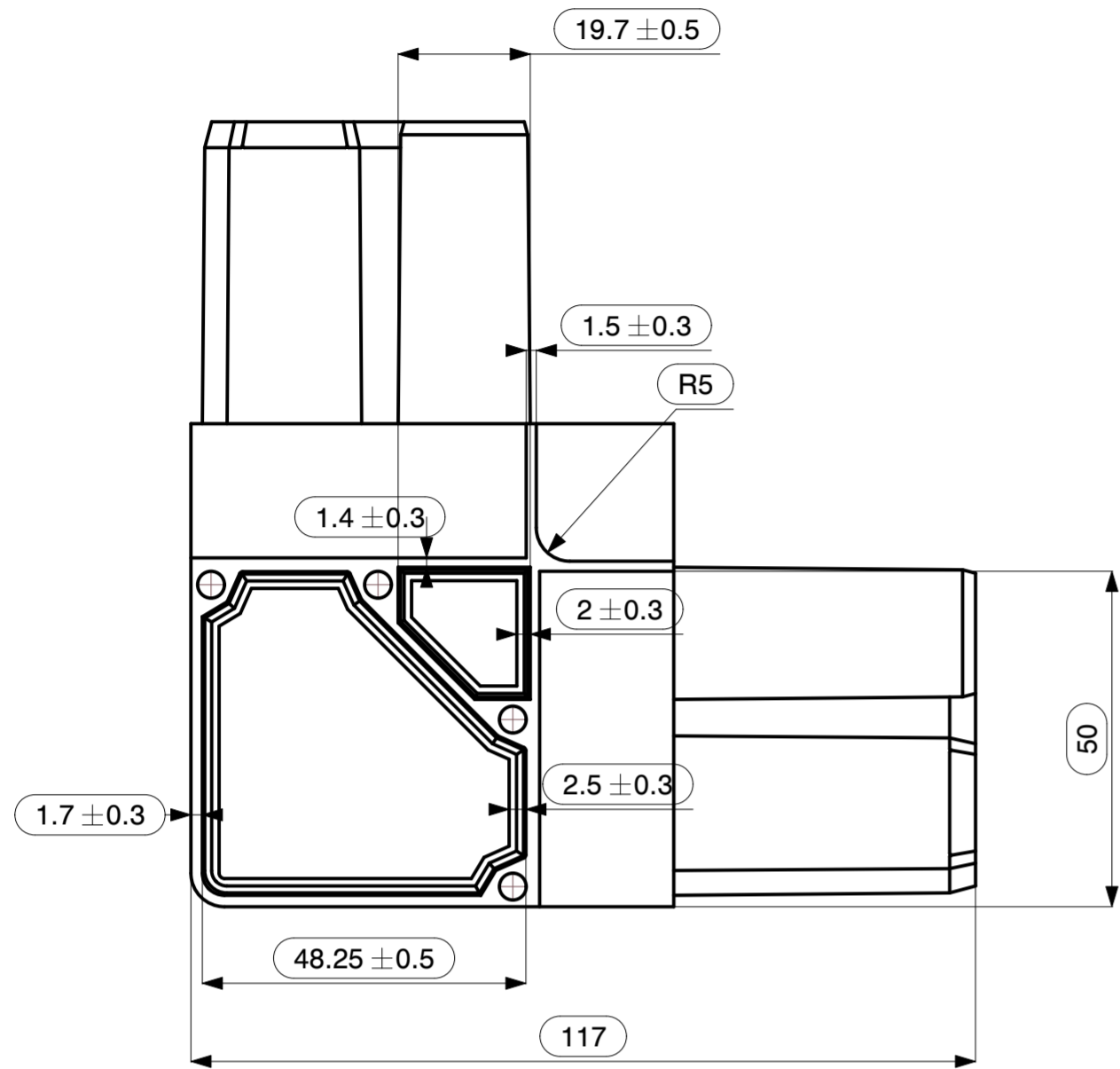
3	52-50 THERMAL BREAK POLY 28-C	VSP/L/AHU/1028	TBPL-28-C
2	52-50 THERMAL BREAK OMEGA INNER	VSP/L/AHU/5140	TBALOI-52-50
1	52-50 THERMAL BREAK OMEGA OUTER	VSP/L/AHU/5003	TBALOO-52-50
NAME	DESCRIPTION	PART NO.	CODE

NOTE

SL. NO.	NOTE	DESCRIPTION
1	□	INDICATES INSPECTION DIMENSION

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVE



TOLERANCE #		APPROVALS		DATE
0.5 - < 11	± 0.30	DRAWN	VISWA	29-02-2024
11 - < 51	± 0.50	CHECKED	KALIL	29-02-2024
51 - < 80	± 0.70	APPROVED		
80 - < 120	± 1.00	MATERIAL: PA6 GF 30%		
> 120	± 1.20	WEIGHT RANGE : 238 - 258 grams		
-	-	COLOUR : BLACK		
-	-	THIRD ANGLE PROJECTION		
-	-			
-	-			
WARPAGE = ± 5 mm				
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		ALL DIMENSIONS ARE IN mm (MILLIMETERS)		



VIVANT SOLUTIONS PRIVATE LIMITED,
PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,
CHENNAI, TAMILNADU, INDIA

TITLE: 3 - WAY THERMAL BREAK NYLON CORNER
FOR 52-50 SYSTEM

PART NO: TBNYC-52-50

FINISH : SHOT BLASTING

SIZE : A2

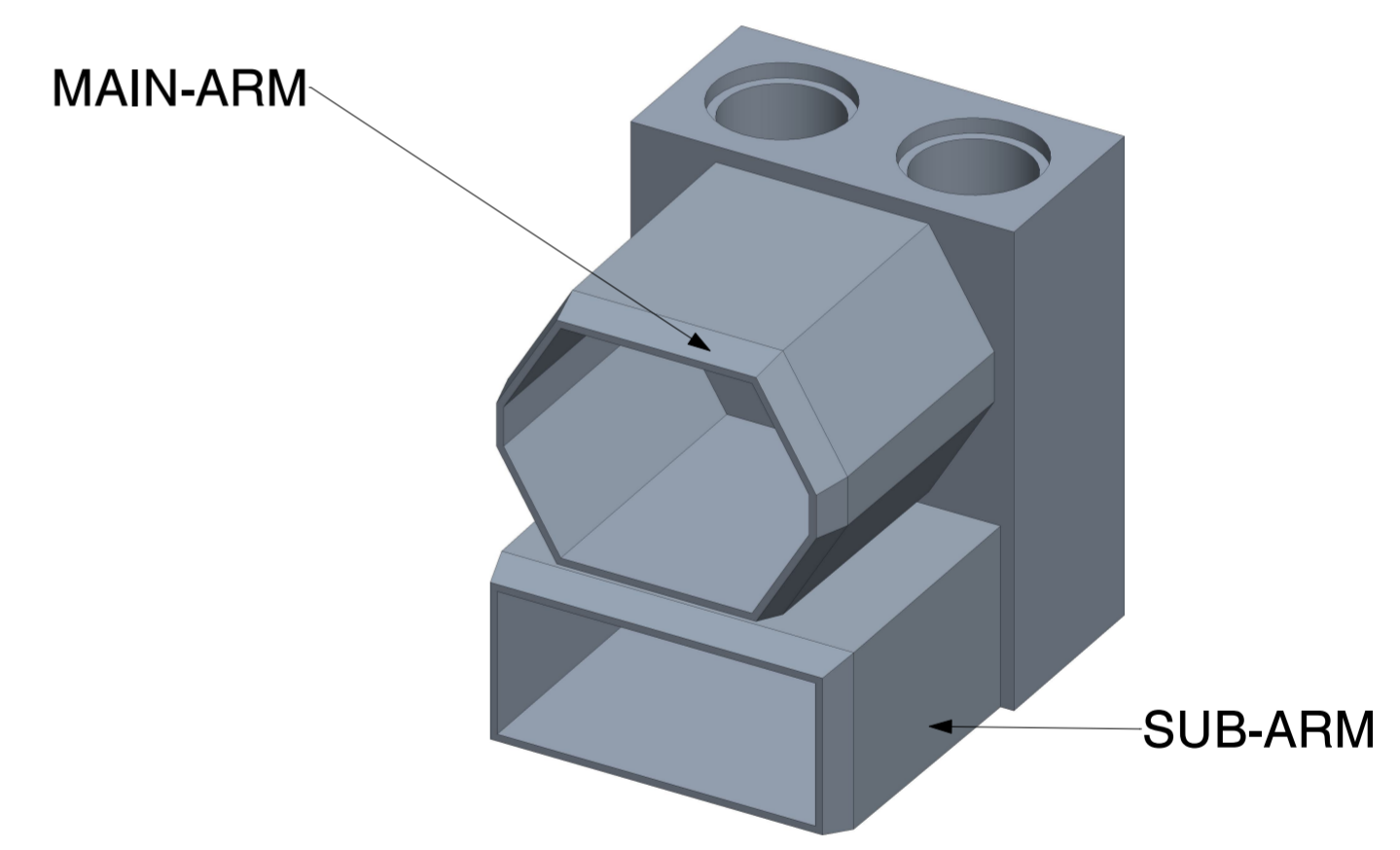
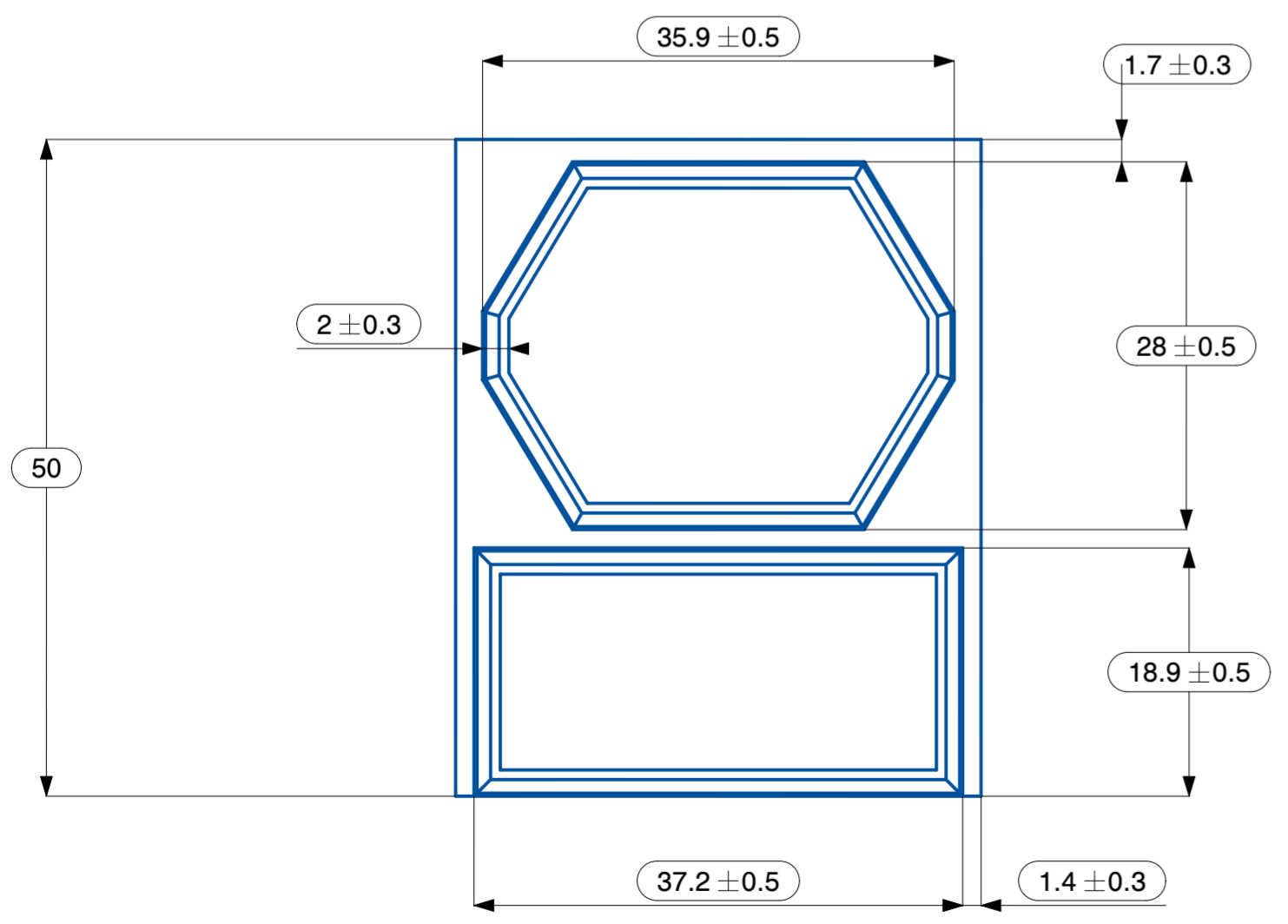
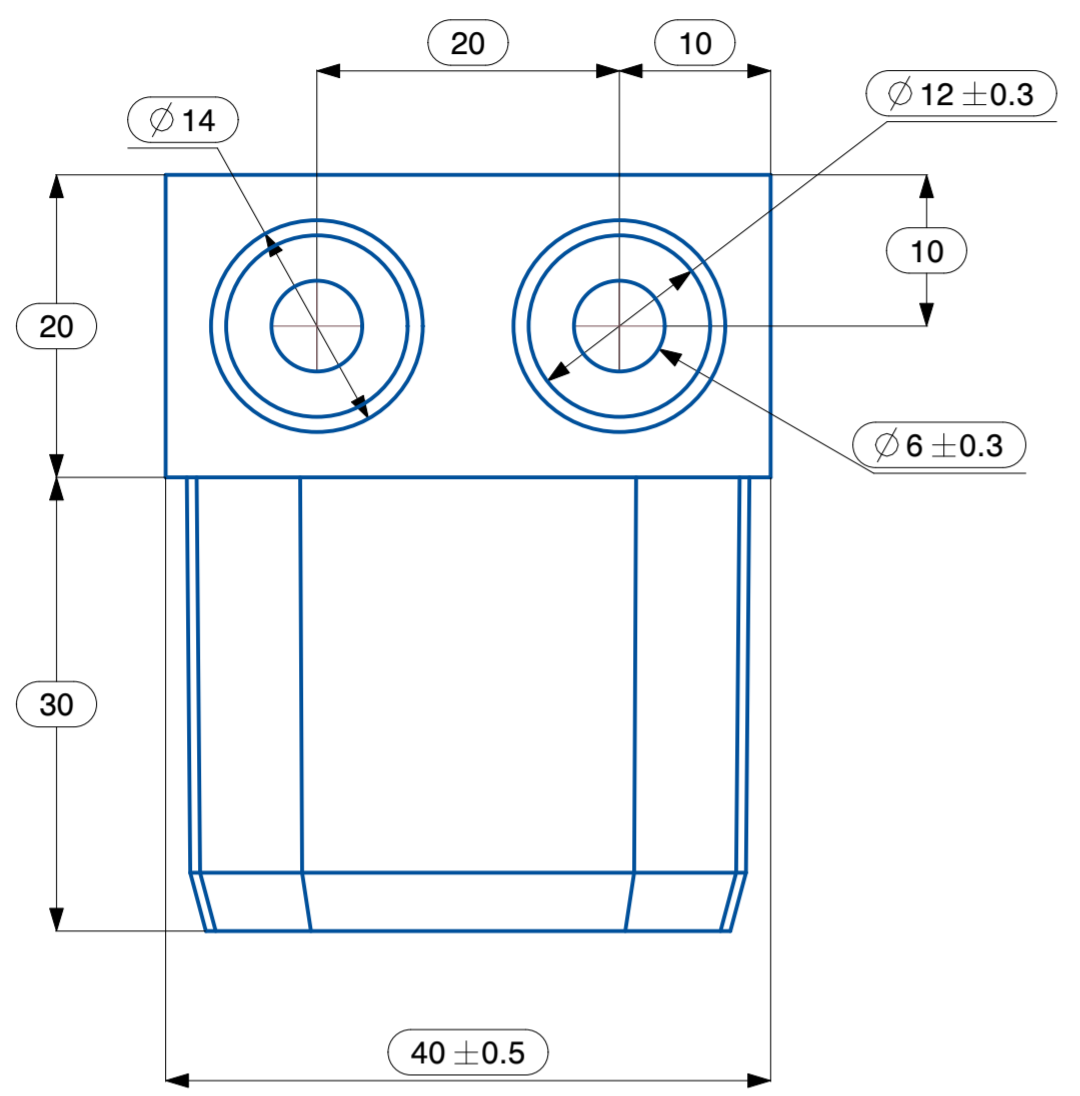
SCALE : 1:1

REV : 0

REFERENCE STANDARDS : ISO 286 - IT 13

NOTE		
SL. NO.	NOTE	DESCRIPTION
1	□	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE



TOLERANCE #		APPROVALS		DATE
0.5 - < 11	± 0.30	DRAWN	SURYA	01-11-2023
11 - < 51	± 0.50	CHECKED	KALIL	20-01-2026
51 - < 80	± 0.70	APPROVED		
80 - < 120	± 1.00	MATERIAL: PA6 GF 30%		
> 120	± 1.20	WEIGHT RANGE : 28 - 48 grams		
-	-	COLOUR : BLACK		
-	-	THIRD ANGLE PROJECTION		
-	-			
-	-			
WARPAGE = ± 5 mm				
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		ALL DIMENSIONS ARE IN mm (MILLIMETERS)		

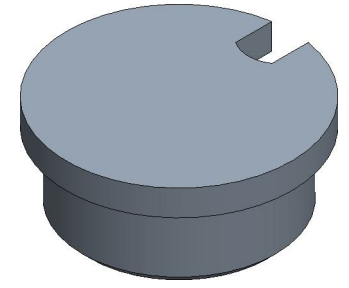
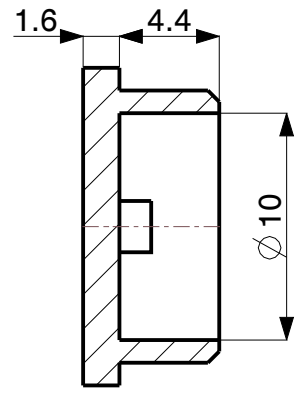
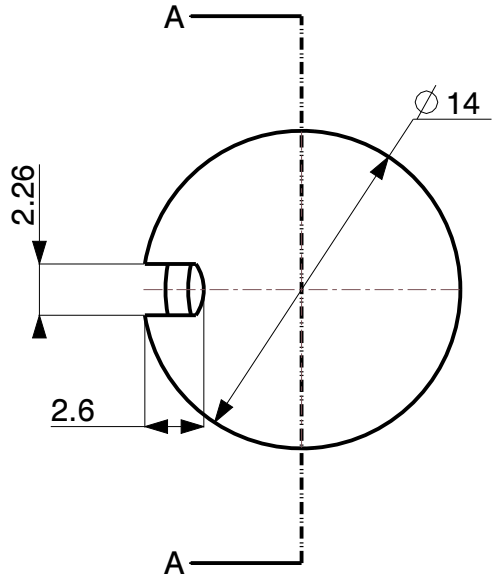
VIVANT SOLUTIONS
 VIVANT SOLUTIONS PRIVATE LIMITED,
 PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,
 CHENNAI, TAMILNADU, INDIA

TITLE: THERMAL BREAK NYLON OMEGA JOINT FOR 52-50 SYSTEM
 PART NO: TBNYOJ-52-50
 FINISH : SHOT BLASTING

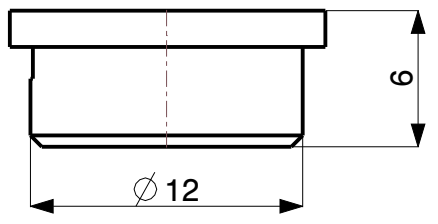
SIZE : A2 SCALE : 1:1 REV : 0
 # REFERENCE STANDARDS : ISO 286 - IT 11

MANUFACTURING NOTE		
SL. NO.	NOTE	DESCRIPTION
1	□	INDICATES INSPECTION DIMENSION


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE



SECTION A-A



TOLERANCE #		APPROVALS		DATE
0.5 - < 11	± 0.30	DRAWN	DHANASEKAR	02-04-2026
11 - < 51	± 0.50	CHECKED	VISWA	02-04-2026
51 - < 80	± 0.70	APPROVED	KALEEL	
80 - < 120	± 1.00	MATERIAL: PA6 GF 30%		
> 120	± 1.20	WEIGHT : 0.51 grams		
-	-	COLOUR : BLACK		
-	-	THIRD ANGLE PROJECTION		
-	-			
-	-			
-	-			
-	-			
WARPAGE = ± 5 mm				
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		ALL DIMENSIONS ARE IN mm (MILLIMETERS) UNTILL UNLESS SPECIFIED		



VIVANT SOLUTIONS
 VIVANT SOLUTIONS PRIVATE LIMITED,
 PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,
 CHENNAI, TAMILNADU, INDIA

TITLE : THERMAL BREAK OMEGA JOINTER CAP FOR 52-50		
PART CODE : TB-NYOJC-52-50		
FINISH : SHOT BLASTING		
SIZE : A4	SCALE : 3:1	REV : 0
# REFERENCE STANDARDS - ISO 286 - IT 13		

1
2
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