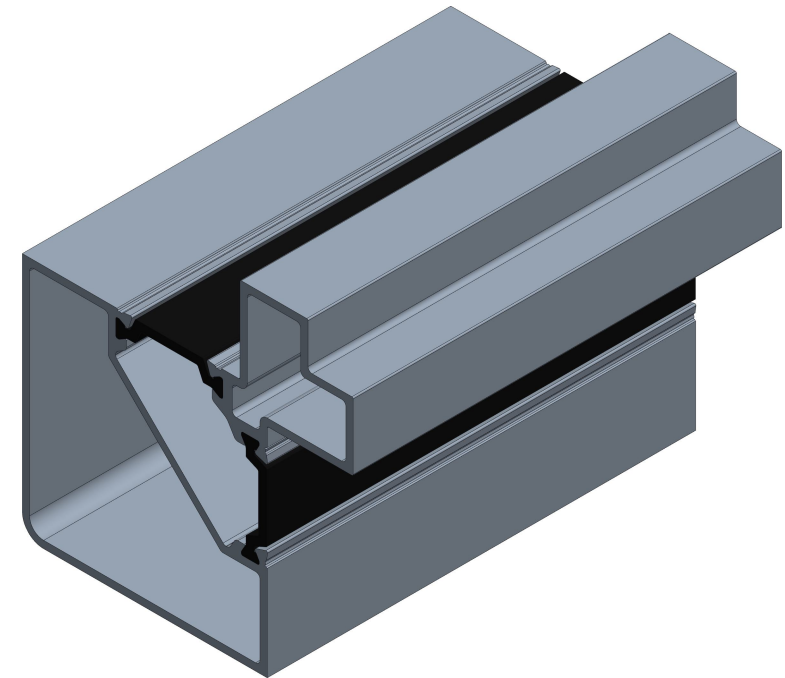


H	I	J	
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE



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

TITLE : THERMAL BREAK CORNER PROFILE ASSEMBLY FOR 57-50
SYSTEM

PART CODE : TBALC-5750

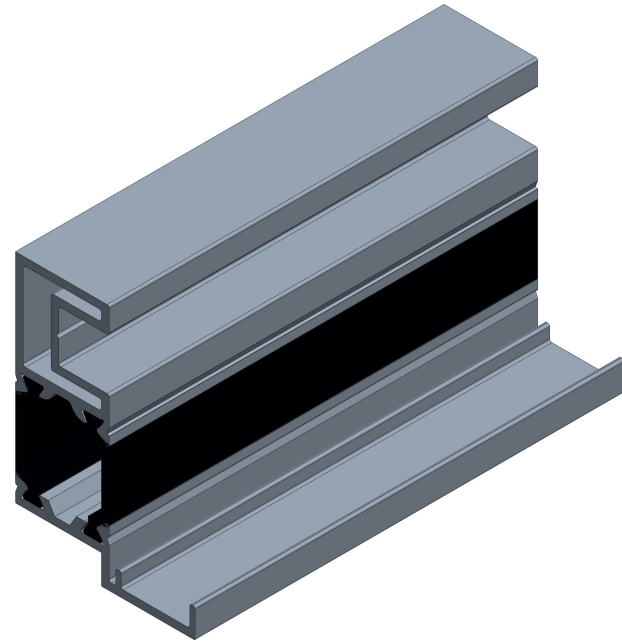
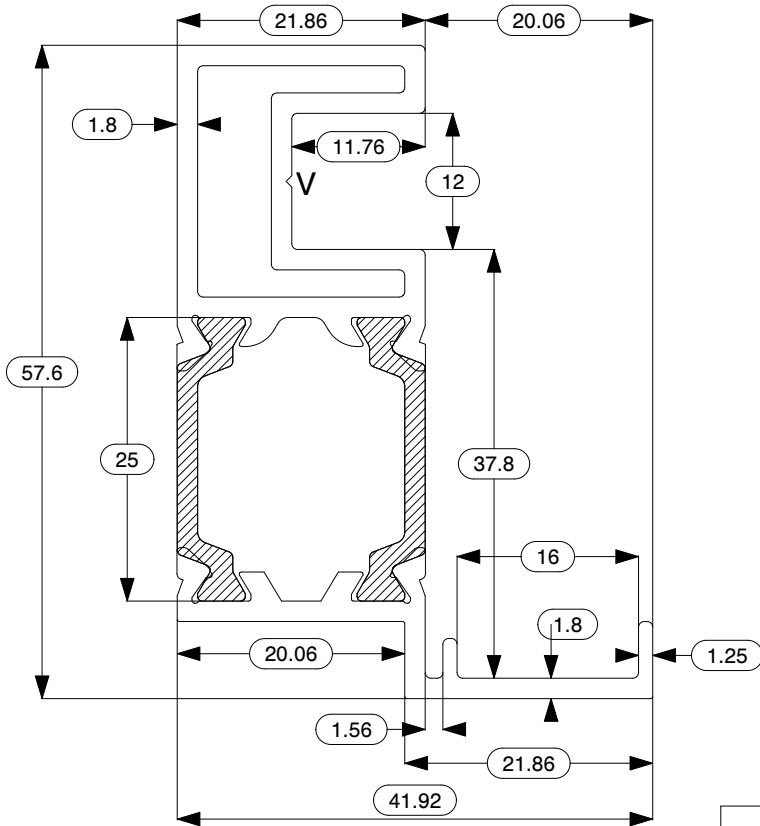
FLATNESS : 0.008 X WIDTH	CUT LENGTH: 6000 (±10) mm [236.22 (±0.2) in.]
SCALE : 1:1	WEIGHT RANGE : 1.60 - 1.90 Kg/m
CORNER & FILLET RADII : < 5 - ±0.5mm > 5 - ± 10%	X,X - DIMENSIONS ARE IN mm (MILLIMETERS) [X.X] - DIMENSIONS ARE IN in. (INCH)

THIRD ANGLE PROJECTION		SIZE : A4
		RIBS : B = -
# REFERENCE STANDARDS - BSEN-755-9-2008		REV : 0

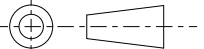
		A	B	C	D	E	F	H	I	J	
NOTE								REVISION HISTORY			
SL. NO.	NOTE	DESCRIPTION						REV	DESCRIPTION	DATE	APPROVE
1	☐	INDICATES INSPECTION DIMENSION									

TOLERANCE #		APPROVALS		DATE	 VIVANT SOLUTIONS PRIVATE LIMITED, PLOT NO: 329, SIDCO THIRUMULLAIVOYAL, CHENNAI, TAMILNADU, INDIA					
0.5 ~ < 10	±0,30	DRAWN	VISWA	28-08-2024						
10 ~ < 25	±0,50	CHECKED	KALIL	24-02-2026						
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°										
TWIST ALONG THE LENGTH = 2 mm/M		PERIMETER: Ext : 293.67 mm Int : -		AREA: 829.53 mm²	TITLE : THERMAL BREAK OMEGA PROFILE ASSEMBLY FOR 57-50 SYSTEM					
STRAIGHTNESS = 2 mm/M					PART CODE : TBALO-5750					
3	57-50 THERMAL BREAK POLY 25-C	VSPL/AHU/1025	TBPL-25-C	FLATNESS : 0.008 X WIDTH		CUT LENGTH: 6000 (±10) mm [236.22 (±0.2) in.]		THIRD ANGLE PROJECTION		SIZE : A4
2	57-50 THERMAL BREAK OMEGA INNER	VSPL/AHU/5112	TBALOI-57-50	SCALE : 1:1		WEIGHT RANGE : 1.85 - 2.15 Kg/m				RIBS : B = -
1	57-50 THERMAL BREAK OMEGA OUTER	VSPL/AHU/5111	TBALOO-57-50	CORNER & FILLET RADII : < 5 - ±0.5mm > 5 - ± 10%		X,X - DIMENSIONS ARE IN mm (MILLIMETERS) [X.X] - DIMENSIONS ARE IN in. (INCH)		# REFERENCE STANDARDS - BSEN-755-9-2008		REV : 0
NAME	DESCRIPTION	PART NO.	CODE							

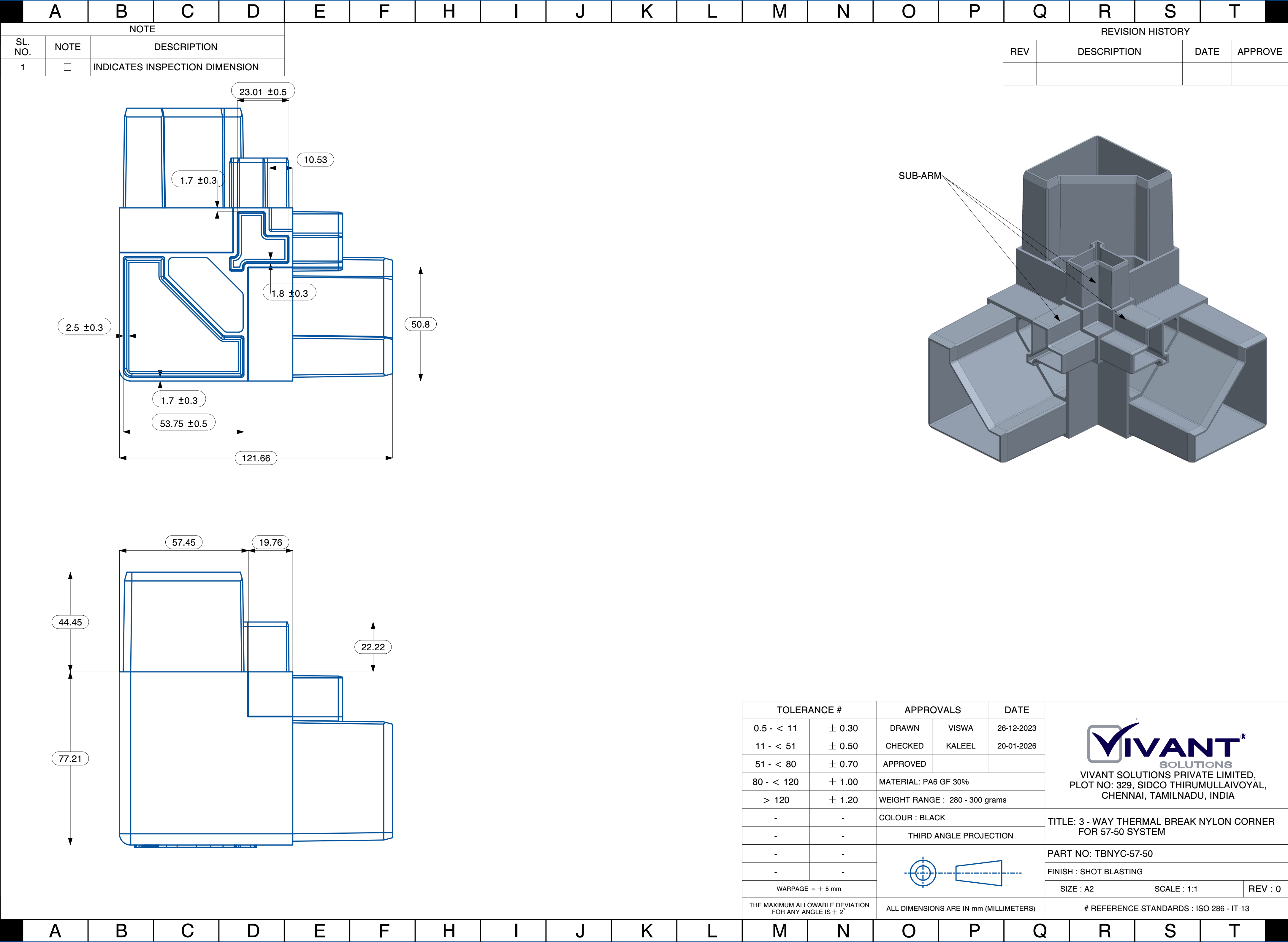
NOTE			REVISION HISTORY			
SL. NO.	NOTE	DESCRIPTION	REV	DESCRIPTION	DATE	APPROVE
1	☐	INDICATES INSPECTION DIMENSION				



TOLERANCE #		APPROVALS		DATE
0.5 ~ < 10	±0.30	DRAWN	VISWA	28-08-2024
10 ~ < 25	±0.50	CHECKED	KALEEL	22-01-2026
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 : 206.15 mm Int : -		
TWIST ALONG THE LENGTH = 3 mm/M		AREA: 474.26 mm²		
STRAIGHTNESS = 5 mm/M				
FLATNESS : 0.008 X WIDTH		CUT LENGTH: 6000 (±10) mm [196.85 - 236.22 (±0.2) in.]		
SCALE : 1:1		WEIGHT RANGE : 0.95 - 1.25 Kg/m		
CORNER & FILLET RADII : < 5 - ±0.5mm > 5 - ± 10%		X,X - DIMENSIONS ARE IN mm (MILLIMETERS) [X.X] - DIMENSIONS ARE IN in. (INCH)		

 VIVANT SOLUTIONS PRIVATE LIMITED, PLOT NO: 329, SIDCO THIRUMULLAIVOYAL, CHENNAI, TAMILNADU, INDIA	
TITLE : THERMAL BREAK DOOR PROFILE ASSEMBLY FOR 57-50 SYSTEM	
PART CODE : TBALDP-5750	
THIRD ANGLE PROJECTION	SIZE : A4
	RIBS : V = 0.5 X 90°(1 PLACES)
# REFERENCE STANDARDS - BSEN-755-9-2008	
REV : 0	

3	57-50 THERMAL BREAK POLY 25-C	VSPL/AHU/1025	TBPL-25-C
2	57-50 THERMAL BREAK DOOR PROFILE INNER	VSPL/AHU/5114	TBALDPI-57-50
1	57-50 THERMAL BREAK DOOR PROFILE OUTER	VSPL/AHU/5113	TBALDPO-57-50
NAME	DESCRIPTION	PART NO.	CODE



NOTE

SL. NO.

NOTE

DESCRIPTION

1

INDICATES INSPECTION DIMENSION

57.15

13.99

28.58

10.03

5.08

20.06

69.59

97.27

Ø12 ±0.3

Ø14

Ø6 ±0.3

20.06

53.75 ±0.7

2.5 ±0.3

18.4 ±0.5

50.8

16.48 ±0.5

93.87 ±1

97.27

2 ±0.3

12.48

MAIN-ARM

SUB-ARM

TOLERANCE #

APPROVALS

DATE

0.5 - < 11

± 0.30

DRAWN

VISWA

26-12-2023

11 - < 51

± 0.50

CHECKED

KALEEL

20-01-2026

51 - < 80

± 0.70

APPROVED

80 - < 120

± 1.00

MATERIAL: PA6 GF 30%

> 120

± 1.20

WEIGHT RANGE : 85 - 105 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 57-50 SYSTEM

PART NO: TBNYOJ-57-50

FINISH : SHOT BLASTING

SIZE : A2

SCALE : 1:1

REV : 0

REFERENCE STANDARDS : ISO 286 - IT 13

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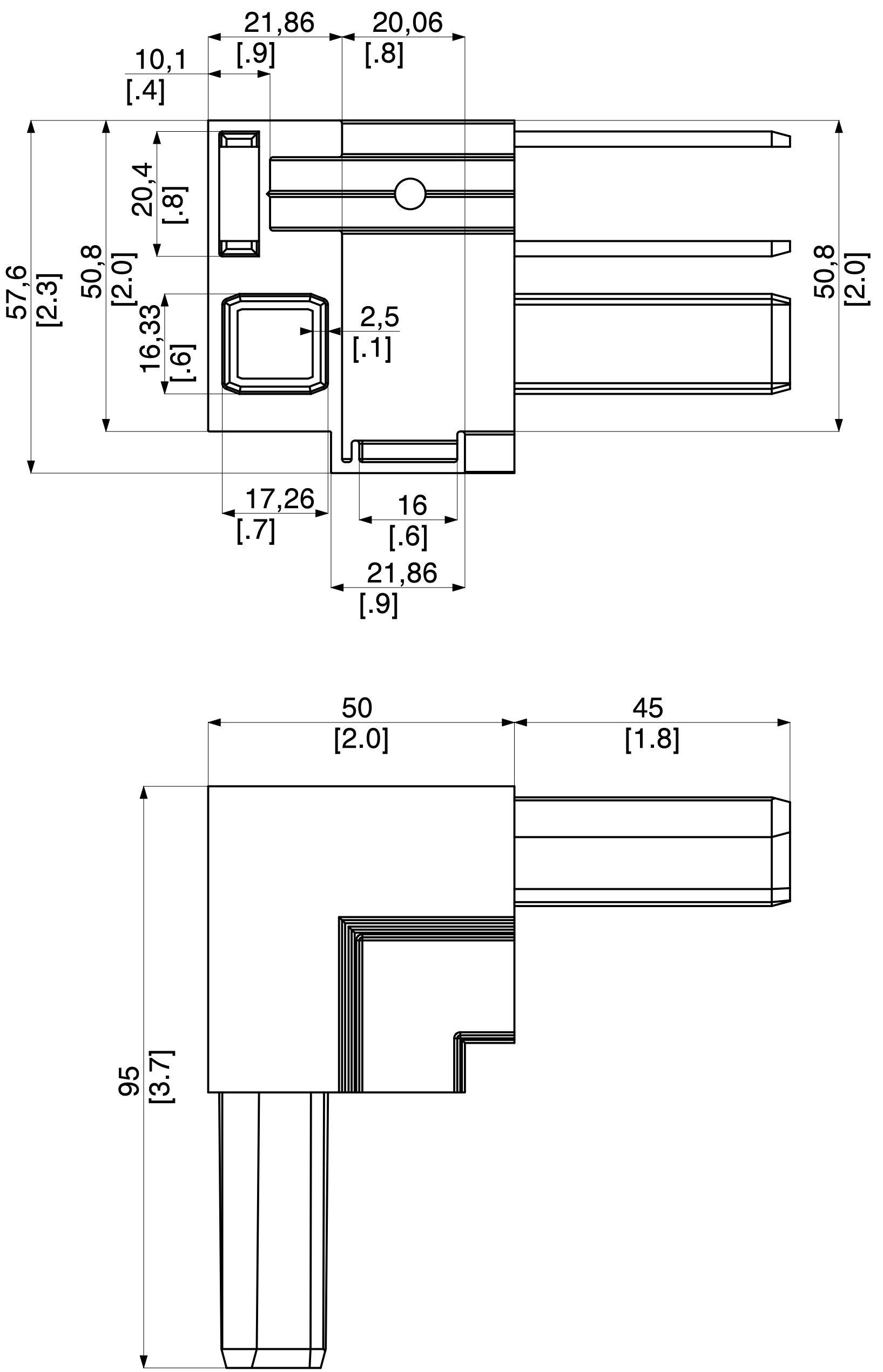
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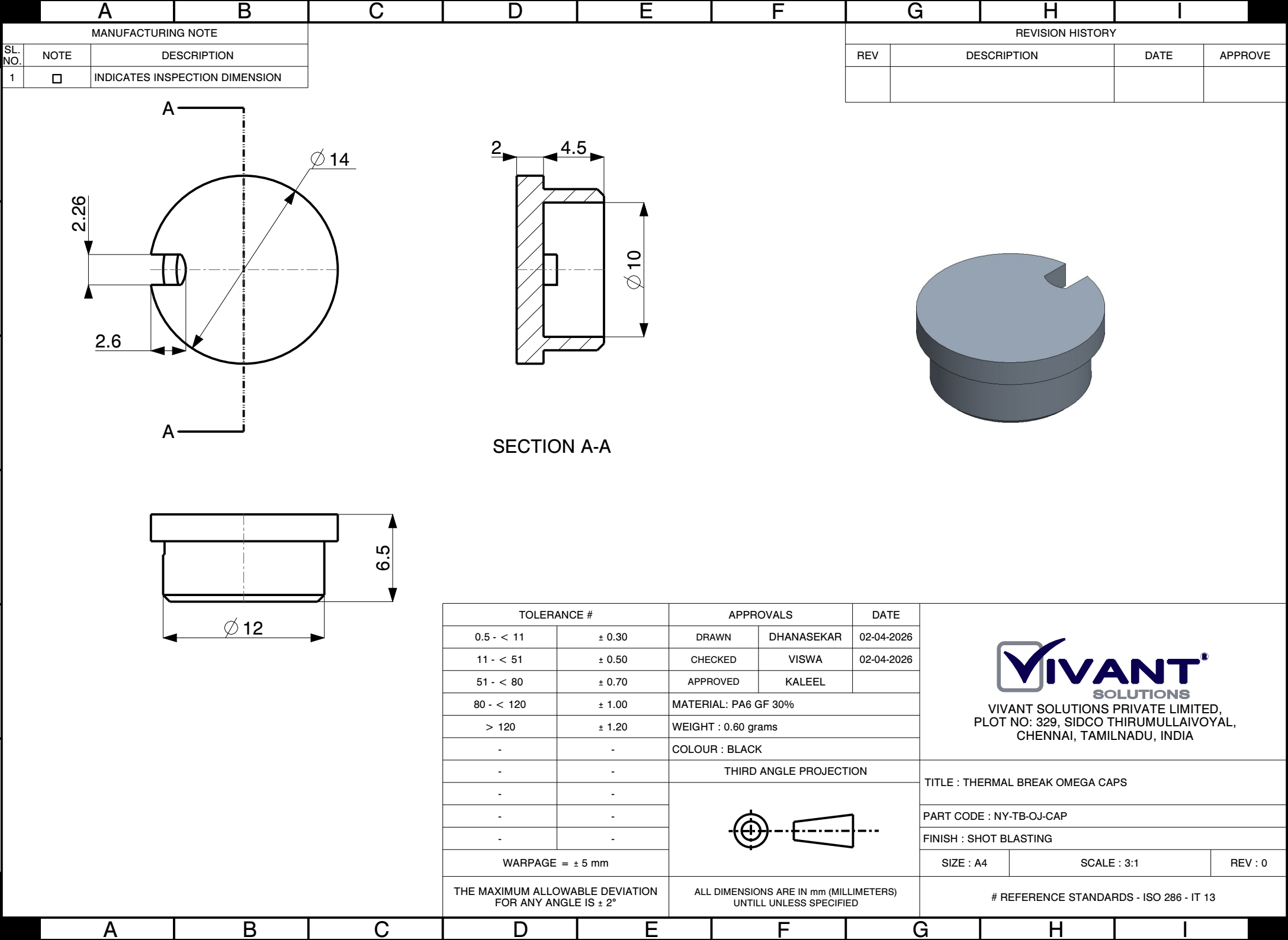
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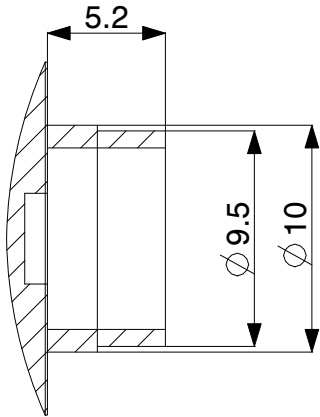
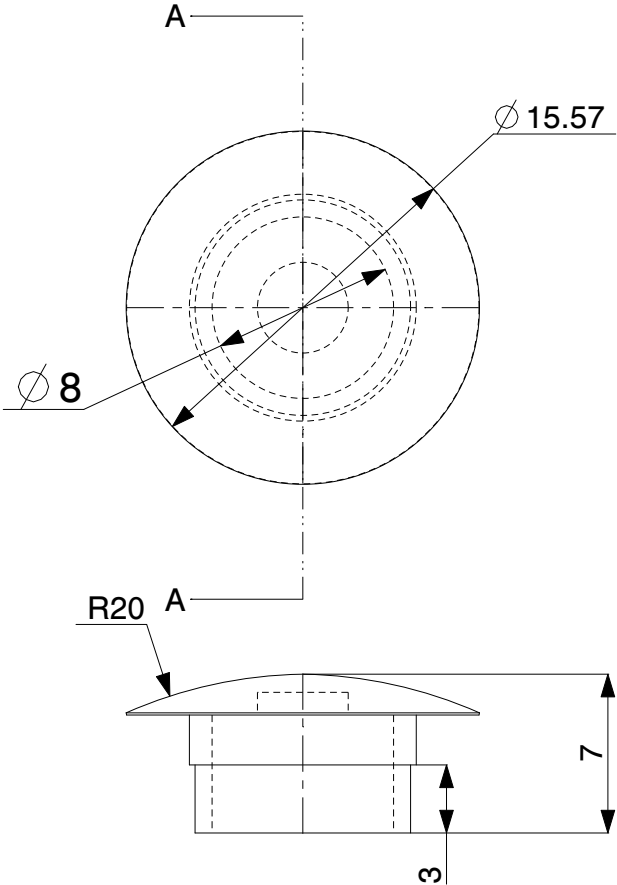
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SL. NO.		NOTE																												REVISION HISTORY							
		NOTE		DESCRIPTION																										REV	DESCRIPTION		DATE	APPROVE			
1		□		INDICATES INSPECTION DIMENSION																																	
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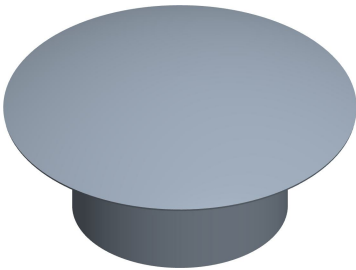
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MANUFACTURING NOTE		
SL. NO.	NOTE	DESCRIPTION
1	□	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE
1	OUTER DIAMETER CHANGED FROM 15 mm TO 16 mm WITH 0.05mm CHAMFER IN THE DIAMETER	19/05/2019	ADITYA



SECTION A-A



Rahman
CHECKED BY

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 : 0.39 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 PRIVATE LIMITED, PLOT NO: 329, SIDCO THIRUMULLAIVOYAL, CHENNAI, TAMILNADU, INDIA			
TITLE : SCREW SLEEVE STANDARD COMMON CAP			
PART CODE : NYSL-STD-CAP			
FINISH : SHOT BLASTING			
SIZE : A4	SCALE : 3:1		REV : 1
# REFERENCE STANDARDS - ISO 286 - IT 13			

Viswa
PREPARED BY