



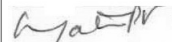
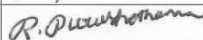
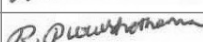

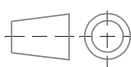
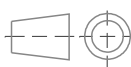




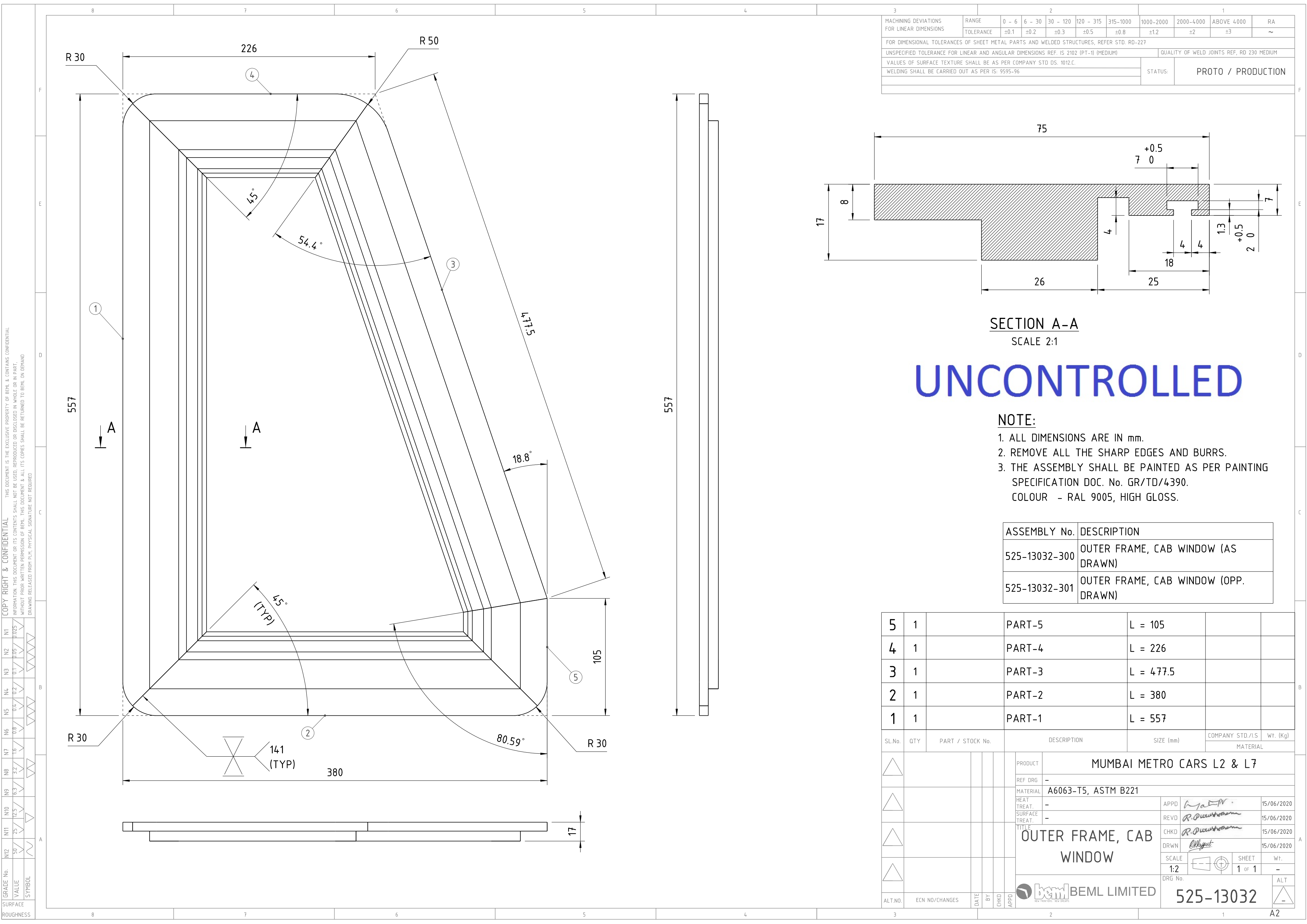
		ASSEMBLY No.		DESCRIPTION	
		525-13031-300		CAB WINDOW ASSEMBLY (AS DRAWN)	
		525-13031-301		CAB WINDOW ASSEMBLY (OPP. DRAWN)	

5	1	525-13126	RUBBER SEAL				
4	1	-	LOCK			M/s. Southco / M/s. Dirak	
3	1	-	HINGE & CSK FLAT HEAD SCREW			SUS 304 / AISI 304, BUFF FINISH	
2	1	525-13033-300	INNER FRAME, CAB WINDOW - AS DRAWN				
1	1	525-13032-300	OUTER FRAME, CAB WINDOW - OPP. DRAWN				

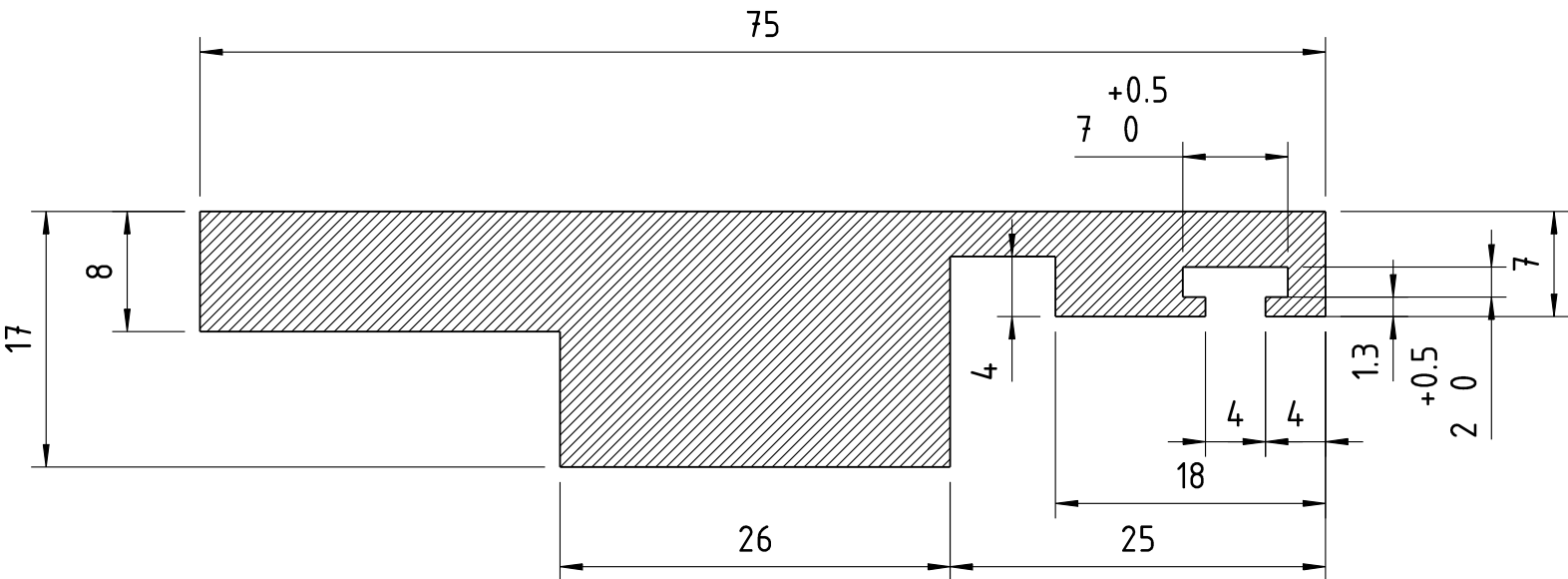
SL.No.	QTY	PART / STOCK No.	DESCRIPTION		SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)
						MATERIAL	

   						PRODUCT	MUMBAI METRO CARS L2 & L7		
						REF DRG	-		
						MATERIAL	---		
						HEAT TREAT.	-		
						SURFACE TREAT.	-		
						TITLE	CAB WINDOW ASSEMBLY		
						APPD			15/06/2020
						REVD			15/06/2020
						CHKD			15/06/2020
						DRWN			15/06/2020
						SCALE		SHEET	Wt.
						1:5		1 OF 1	-
						DRG No.			
						525-13031			
						 BEML LIMITED <small>NEW HAWTHERS, NEW DELHI</small>			

ALT	
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MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227										
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)							QUALITY OF WELD JOINTS REF. RD 230 MEDIUM			
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.						STATUS:	PROTO / PRODUCTION			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										










SECTION A-A
SCALE 2:1

UNCONTROLLED

NOTE:

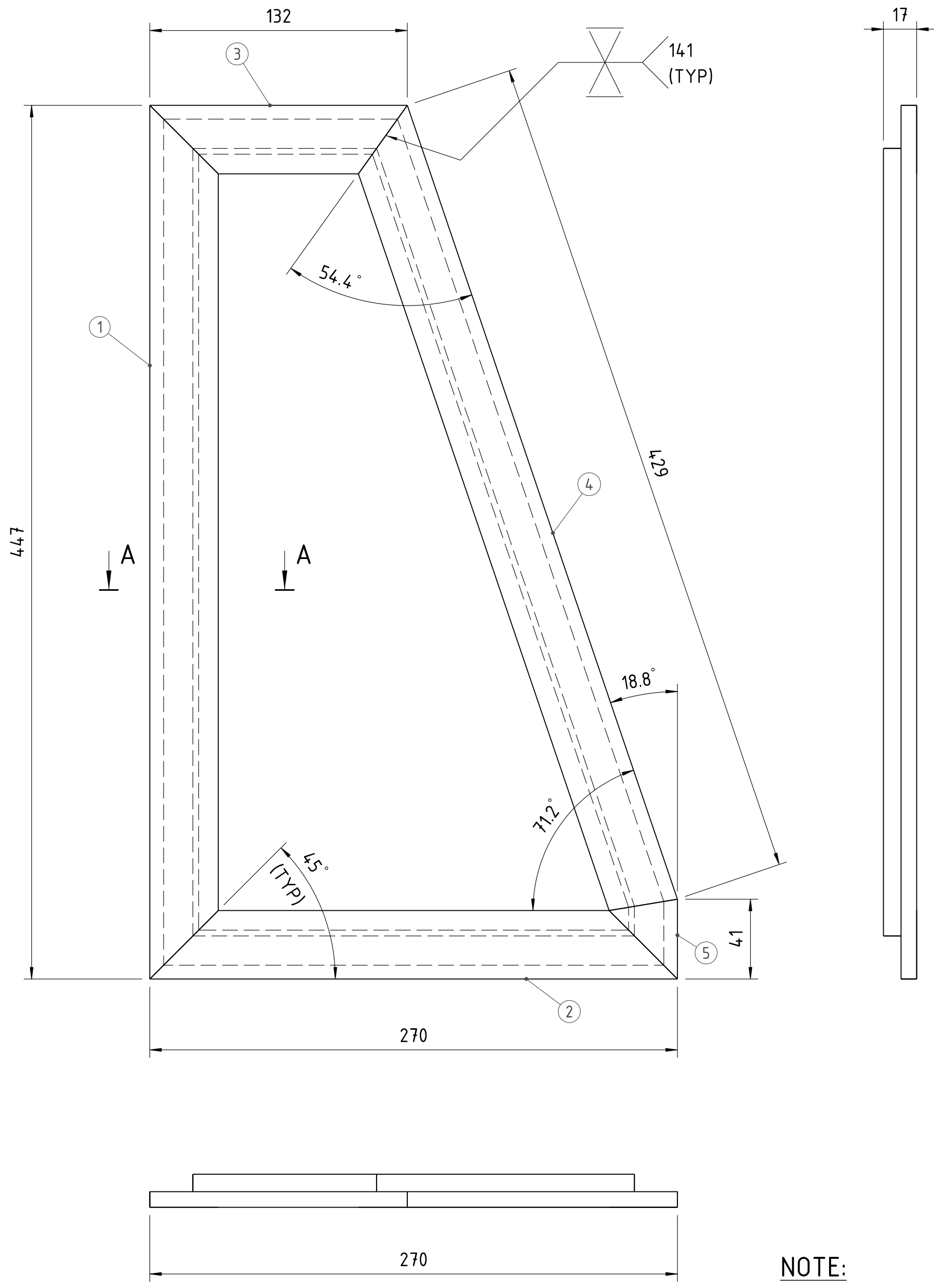
- ALL DIMENSIONS ARE IN mm.
- REMOVE ALL THE SHARP EDGES AND BURRS.
- THE ASSEMBLY SHALL BE PAINTED AS PER PAINTING SPECIFICATION DOC. No. GR/TD/4390.
COLOUR - RAL 9005, HIGH GLOSS.

ASSEMBLY No.	DESCRIPTION
525-13032-300	OUTER FRAME, CAB WINDOW (AS DRAWN)
525-13032-301	OUTER FRAME, CAB WINDOW (OPP. DRAWN)

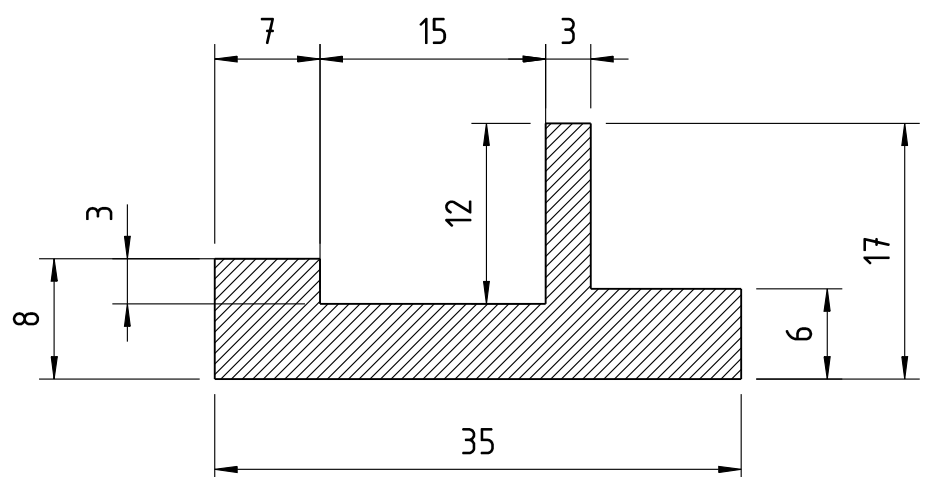
5	1		PART-5	L = 105			
4	1		PART-4	L = 226			
3	1		PART-3	L = 477.5			
2	1		PART-2	L = 380			
1	1		PART-1	L = 557			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION	SIZE (mm)	COMPANY STD./I/S	Wt. (Kg)
						MATERIAL	
				PRODUCT	MUMBAI METRO CARS L2 & L7		
				REF DRG	-		
				MATERIAL	A6063-T5, ASTM B221		
				HEAT TREAT.	-	APPD	15/06/2020
				SURFACE TREAT.	-	REVD	15/06/2020
				TITLE	OUTER FRAME, CAB WINDOW		
					CHKD	15/06/2020	
					DRWN	15/06/2020	
					SCALE		SHEET
					1:2	1 OF 1	Wt.
					DRG No.	-	
ALT.No.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	ALT	
							
						525-13032	
 BEML LIMITED							

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GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1
VALUE	50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025
SYMBOL												
ROUGHNESS												



NOTE:
1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL THE SHARP EDGES AND BURRS.
3. THE ASSEMBLY SHALL BE PAINTED AS PER PAINTING SPECIFICATION DOC. No. GR/TD/4390.
COLOUR - RAL 9005, HIGH GLOSS.



SECTION A-A
SCALE 2:1

UNCONTROLLED

ASSEMBLY No.	DESCRIPTION
525-13033-300	INNER FRAME, CAB WINDOW (AS DRAWN)
525-13033-301	INNER FRAME, CAB WINDOW (OPP. DRAWN)

5	1		PART-5	L = 41			
4	1		PART-4	L = 429			
3	1		PART-3	L = 132			
2	1		PART-2	L = 270			
1	1		PART-1	L = 447			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION	SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)
						MATERIAL	
				PRODUCT	MUMBAI METRO CARS L2 & L7		
				REF DRG	-		
				MATERIAL	A6063-T5, ASTM B221		
				HEAT TREAT.	-	APPD	15/06/2020
				SURFACE TREAT.	-	REVD	15/06/2020
				TITLE	INNER FRAME, CAB WINDOW		
				CHKD	15/06/2020		
				DRWN	15/06/2020		
				SCALE	1:2	SHEET	Wt.
				1:2		1 OF 1	-
ALT.NO.	ECN NO/CHANGES			DATE	BY	CHKD	APPD
				BEML LIMITED			
				525-13033			
				ALT			

3

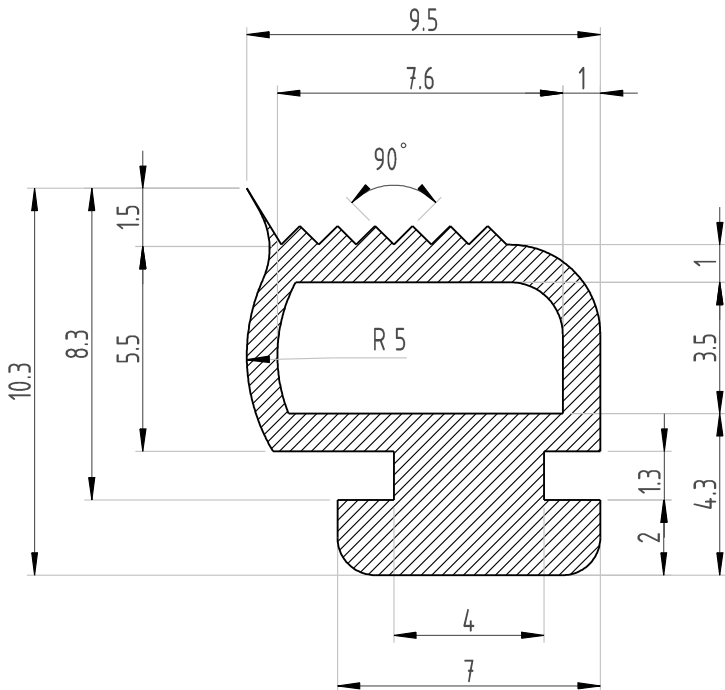
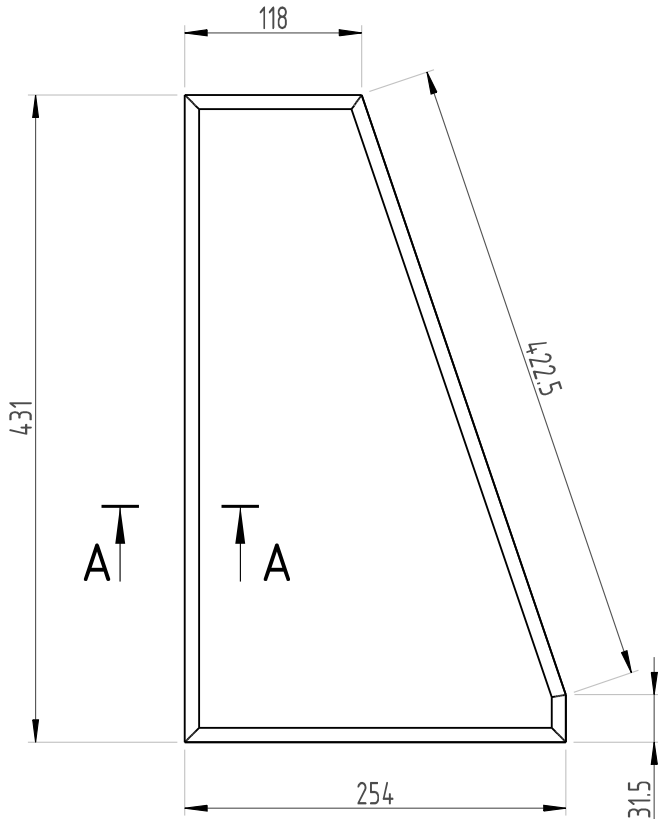
2

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A2

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GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	SURFACE ROUGHNESS
VALUE	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50	
SYMBOL													



SECTION A-A
SCALE 5:1

UNCONTROLLED

- NOTE:
- 1. ALL DIMENSIONS ARE IN mm.
 - 2. THE PART SHALL CONFORM TO PTS DOC No. GR/TD/1766.

MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 – 6	6 – 30	30 – 120	120 – 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227										
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)							QUALITY OF WELD JOINTS REF, RD 230 MEDIUM			
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.						STATUS:	PROTO/PRODUCTION			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										

SL.No.	QTY	PART / STOCK No.				DESCRIPTION	SIZE	COMPANY STD./I.S		Wt. (Kg)
								MATERIAL		
						PRODUCT	MUMBAI METRO CARS L2 & L7			
						REF DRG				
						MATERIAL	EPDM RUBBER			
						HEAT TREAT.		APPD		15/06/2020
						SURFACE TREAT.		REVD		15/06/2020
						TITLE	RUBBER SEAL	CHKD		15/06/2020
						DRWN			15/06/2020	
						SCALE			SHEET	Wt.
								1:5		1 OF 1
DRG No.							ALT			
ALT.NO.	ECN NO/CHANGES				DATE	BY	CHKD	APPD	525-13126	
 BEML LIMITED										