

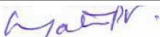











UNCONTROLLED

NOTE:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES AND BURRS.

SL.No.	QTY	PART / STOCK No.				DESCRIPTION	SIZE		COMPANY STD./I.S	Wt. (Kg)	
									MATERIAL		
						PRODUCT	MUMBAI METRO CARS L2 & L7				
						REF DRG	-				
						MATERIAL	SUS 304 / AISI 304, No. 2B FINISH				
						HEAT TREAT.	-	APPD		30/11/2019	
						SURFACE TREAT.	-	REVD		30/11/2019	
						TITLE		CHKD		30/11/2019	
								DRWN		30/11/2019	
								SCALE		SHEET	Wt.
								1:1		1 OF 1	0.01kg
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD			DRG No.			ALT
								BEM LIMITED			
										525-23119	
											0

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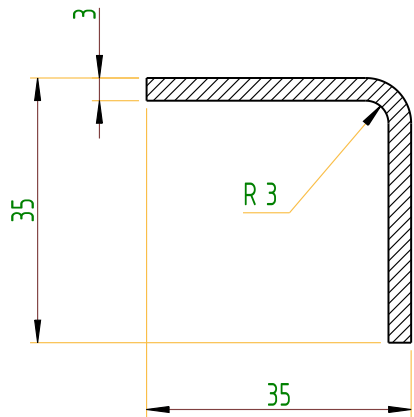
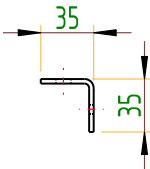
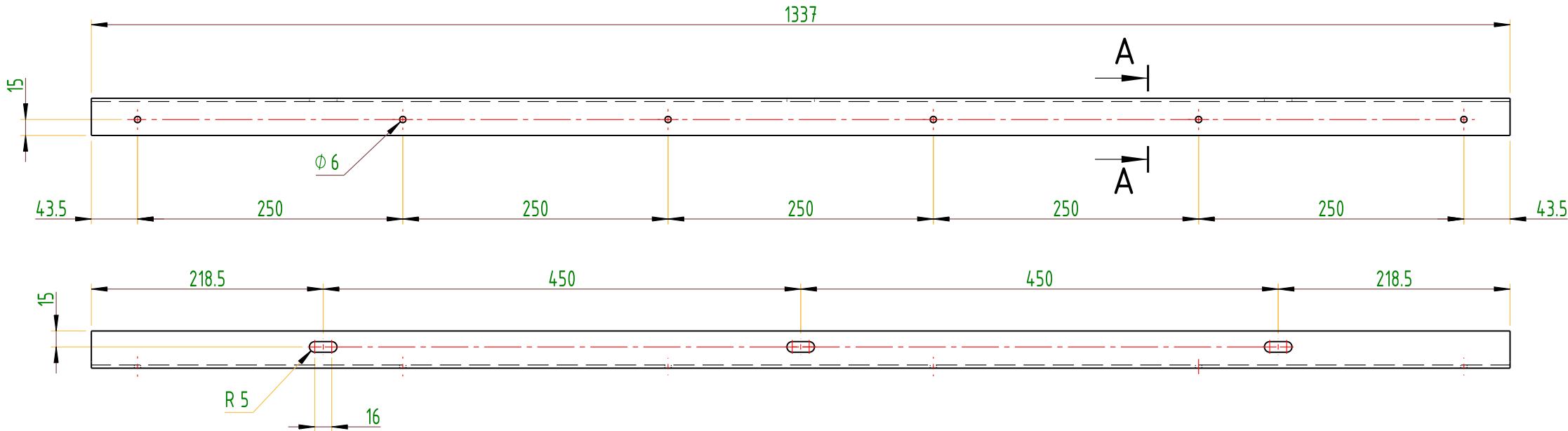


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GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	SYMBOL
VALUE	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50	
ROUGHNESS													



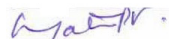
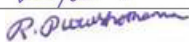







MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 – 6	6 – 30	30 – 120	120 – 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227										
UNSPECIFIED TOLERANCE FOR LINEAR 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 1:1

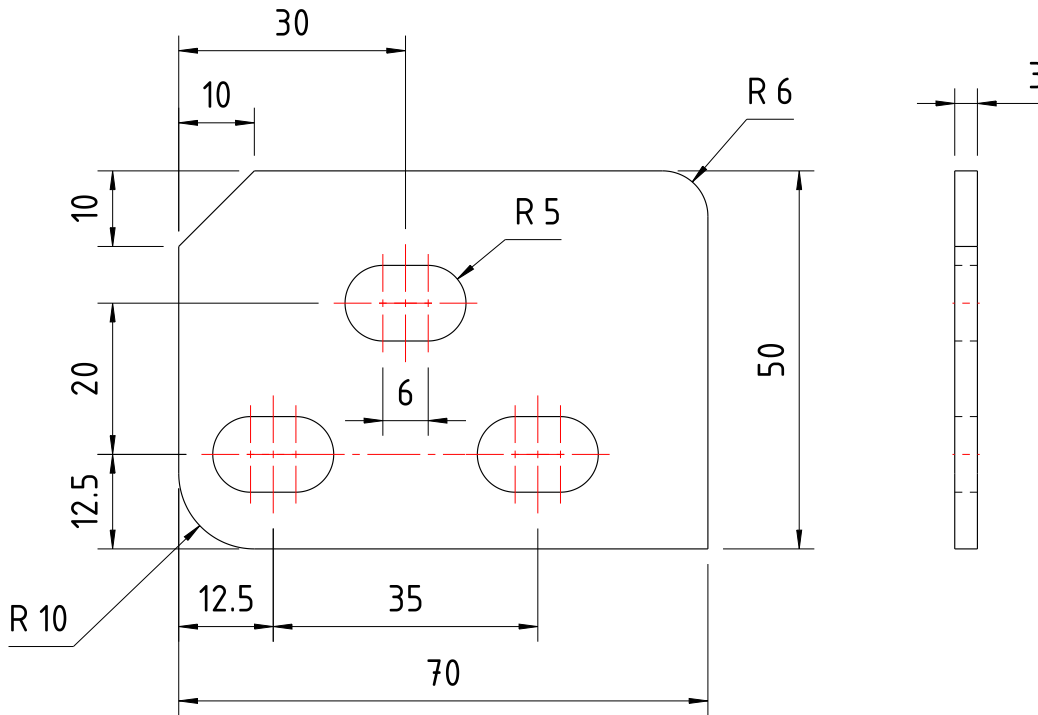
NOTE:
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UNCONTROLLED

SL.No.	QTY	PART / STOCK No.				DESCRIPTION			SIZE		COMPANY STD./I.S	Wt. (Kg)	
											MATERIAL		
						PRODUCT	MUMBAI METRO CARS L2 & L7						
						REF DRG	-						
						MATERIAL	AISI 304, No. 2B FINISH						
						HEAT TREAT.	-	APPD			30/11/2019		
						SURFACE TREAT.	-	REVD			30/11/2019		
						TITLE	SUPPORT			CHKD		30/11/2019	
						DRWN					30/11/2019		
						SCALE						SHEET	Wt.
						1:5						1 OF 1	2.04 Kg
							DRG No.				ALT		
							 BEM LIMITED				525-23121		
													
ALT.NO.	ECN NO/CHANGES				DATE	BY	CHKD	APPD					



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										



UNCONTROLLED

NOTE:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES AND BURRS.

GRADE No.	VALUE	SYMBOL	ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	SUPPORT		MUMBAI METRO CARS L2&L7		SUS 304 / AISI 304, No. 2B FINISH		30/11/2019		0.07 Kg	
SURFACE ROUGHNESS																		
N1	0.025	▽							PRODUCT		MUMBAI METRO CARS L2&L7		SUS 304 / AISI 304, No. 2B FINISH		30/11/2019		0.07 Kg	
N2	0.05	▽							REF DRG	-								
N3	0.1	▽							MATERIAL		MUMBAI METRO CARS L2&L7		SUS 304 / AISI 304, No. 2B FINISH		30/11/2019		0.07 Kg	
N4	0.2	▽							HEAT TREAT.	-								
N5	0.4	▽							SURFACE TREAT.	-	MUMBAI METRO CARS L2&L7		SUS 304 / AISI 304, No. 2B FINISH		30/11/2019		0.07 Kg	
N6	0.8	▽							TITLE									
N7	1.6	▽							APPD	<i>Agal PV.</i>	MUMBAI METRO CARS L2&L7		SUS 304 / AISI 304, No. 2B FINISH		30/11/2019		0.07 Kg	
N8	3.2	▽							REVD	<i>R. P. Purohit</i>								
N9	6.3	▽							CHKD	<i>R. P. Purohit</i>	MUMBAI METRO CARS L2&L7		SUS 304 / AISI 304, No. 2B FINISH		30/11/2019		0.07 Kg	
N10	12.5	▽							DRWN	<i>K. Mohith</i>								
N11	25	▽							SCALE	1:1	MUMBAI METRO CARS L2&L7		SUS 304 / AISI 304, No. 2B FINISH		30/11/2019		0.07 Kg	
N12	50	▽							SHEET	1 OF 1								
ALT.NO.									DRG No.	525-23122	MUMBAI METRO CARS L2&L7		SUS 304 / AISI 304, No. 2B FINISH		30/11/2019		0.07 Kg	
ECN NO/CHANGES									ALT	0								