

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

THIS DOCUMENT IS THE EXCLUSIVE PROPERTY OF BEML & CONTAINS CONFIDENTIAL INFORMATION. THIS DOCUMENT OR ITS CONTENTS SHALL NOT BE USED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART, WITHOUT PRIOR WRITTEN PERMISSION OF BEML. THIS DOCUMENT & ALL ITS COPIES SHALL BE RETURNED TO BEML ON DEMAND. DRAWING RELEASED FROM PLM, PHYSICAL SIGNATURE NOT REQUIRED

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	~

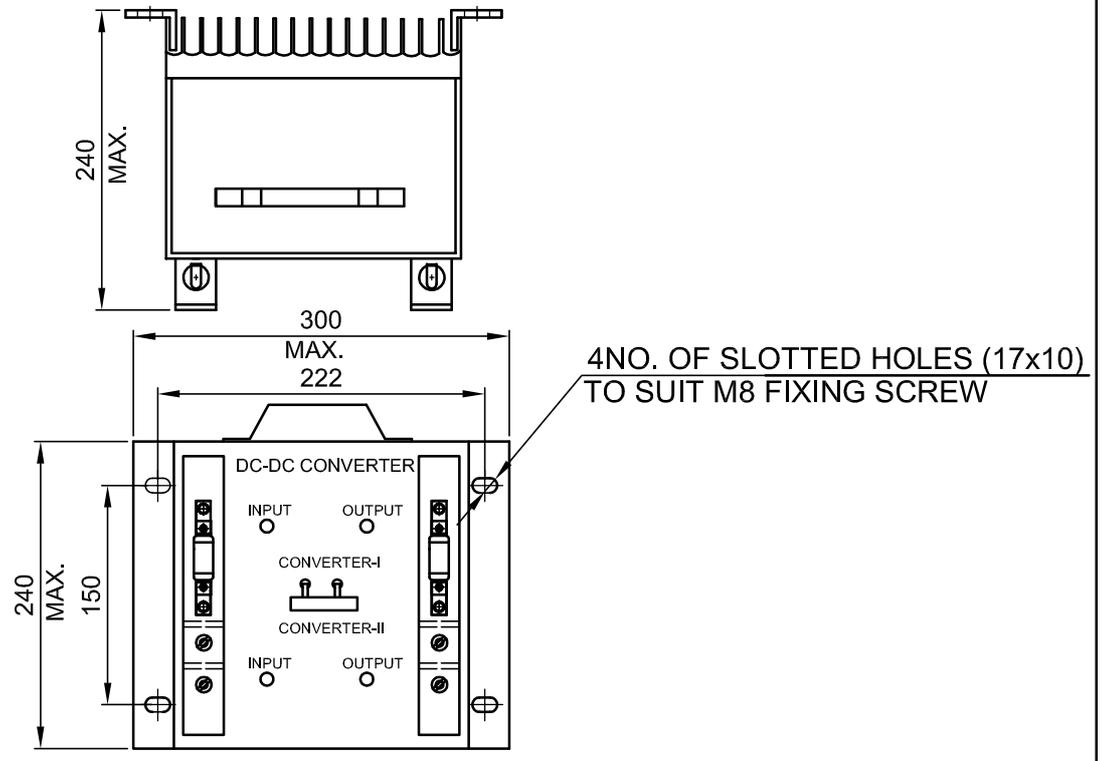
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227

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.

WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96

STATUS: \_\_\_\_\_



**TECHNICAL REQUIREMENTS:**

- 1) NOMINAL INPUT VOLTAGE : 110V DC
- 2) CONTINUOUS LOAD : 400 WATTS
- 3) SPECIFICATION : DC-DC CONVERTER SHALL CONFORM TO RDSO SPECIFICATION ELRS/SPEC/DC-DC/CONVERTER /0021 REV '1' OF SEP '04 WITH AMDT.1 OR LATEST.

**NOTE :**

- 1) DC-DC CONVERTER SHALL BE SUITABLE TO WORK WITH TWIN BEAM HEAD LIGHT TO BEML DRG. NO.906-21416 USED ON 25KV ACEMU/SSEMU/1400 HP DEMU COACHES & OHE CARS
- 2) ITEM SHALL BE PROCURED FROM CLW/RDSO APPROVED SOURCES NOTED IN THE VENDOR LIST OF MECHANICAL ONLY.

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

SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)	
					MATERIAL		
			PRODUCT				
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD			
			SURFACE TREAT.	REVD	LAKSHMI V.S	03.09.12	
			TITLE	CHKD	RESHMA S.P	03.09.12	
			DC-DC CONVERTER	DRWN	NAYANA S.A	03.09.12	
				SCALE	1:5	SHEET	Wt.(Kg)
						OF	0
				DRG No.	906-21417	ALT	
						1	

