

ISUPM312

M/CCB No. : 100.2/632/08

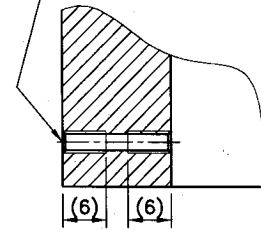
Checked :

Approved :

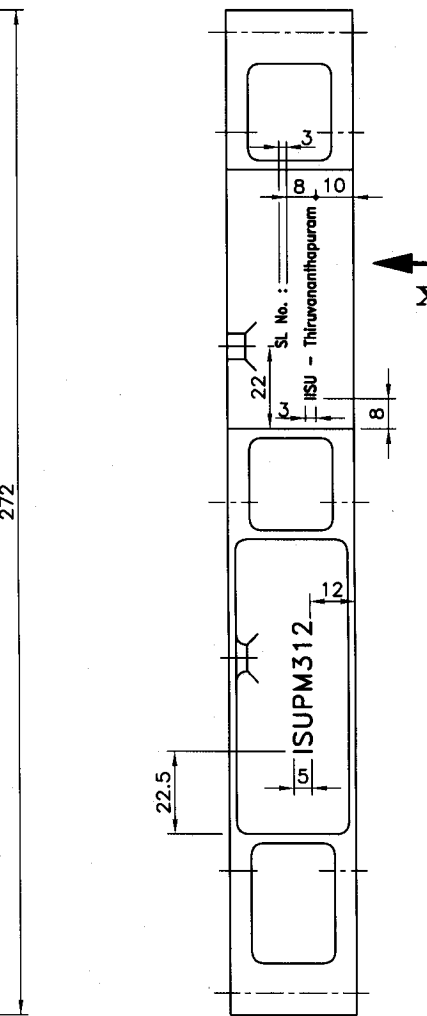
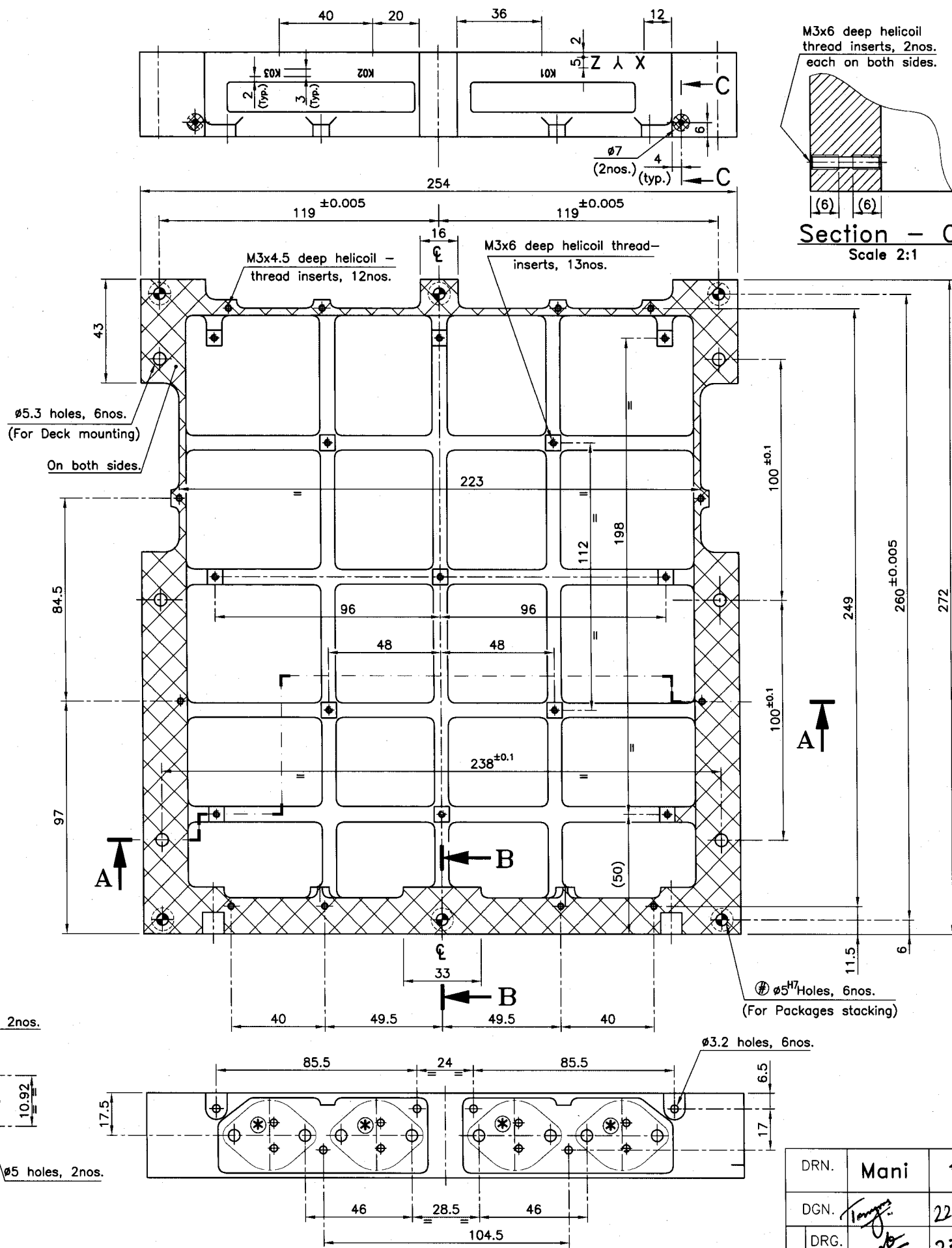
Notes:-

- Refer Drg. No.8201 82 01 01M for Milling details.
- Black dichromating except areas ⊛ and cross hatched area. Areas ⊛ and cross hatched area to be yellow dichromated.
- Tolerance on hole to hole dimension ±0.05 unless otherwise specified.
- Package name, Connector numbers and axis identification of module XYZ should be engraved and filled with White point.
- Special screw (Drg.No.8201 82 00 02) have to be suited with sliding fit during assembly.
- ⊘5H7 holes(6nos.) are to be made after dichromating.
- ⊘ Maintain sharp corner

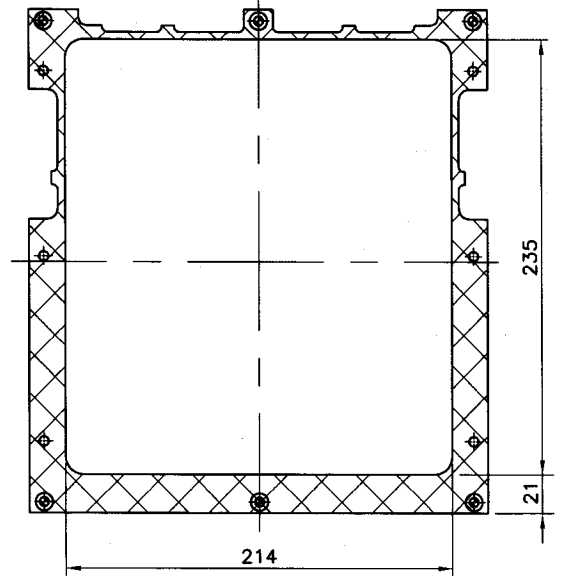
M3x6 deep helicoil thread inserts, 2nos. each on both sides.



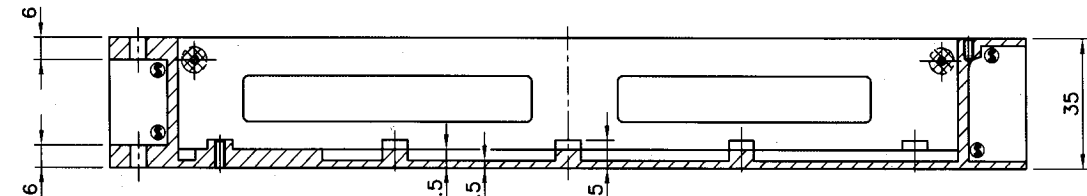
Section - CC
Scale 2:1



View-x
Scale 1:2



Section - BB



Section-AA

⊘5.3 holes, 6nos. (For Deck mounting) On both sides.

⊘5H7 Holes, 6nos. (For Packages stacking)

⊘1.5 holes, 4nos.

⊘3 holes, 2nos.

⊘5 holes, 2nos.

Details at ⊛

M/ORIGINAL

DEVIATION FOR NON-TOLERANCED DIMENSIONS (IS:2102- MEDIUM GRADE)	
DIAMETER & LENGTH UPTO & INCL. 6 ± 0.1	LENGTH IN mm OF SHORTER SIDE OF ANGLE UPTO & INCL. 1 - 6 ± 1.00
6 - 30 ± 0.2	6 - 30 ± 0.20
30 - 120 ± 0.3	30 - 120 ± 0.25
120 - 315 ± 0.5	30 - 120 ± 0.25
315 - 1000 ± 0.8	120 - 400 ± 0.30
1000 - 2000 ± 1.2	120 - 400 ± 0.30
2000 - 4000 ± 2.0	120 - 400 ± 0.30
4000 & ABOVE ± 3.0	

REV.NO.	ZONE	DESCRIPTION	SIGN	DATE
02	-	Sharp corners in transistor mounting zone CCB-M-41.4/09/16 dt. 07/10/16	JISHPAUL	1.11.16
01	-	Drg. modified as per CCB-M100.2/03/23	JISHPAUL	17.03.23

DRN.	Mani	15.7
DGN.	<i>Mani</i>	22-3-23
DRG.	<i>Mani</i>	23-3-23
DGN.	<i>Mani</i>	23/03/23
QA	<i>Mani</i>	18/3/23
APPD.	<i>Mani</i>	24/3/23
2004	SIGN	DATE

TITLE		MATERIAL	
HOUSING		Mg.alloy	
For ISUPM312-Single Unit			
GOVERNMENT OF INDIA		Project	No.OFF
INDIAN SPACE RESEARCH ORGANISATION		GSLV/PSLV	01
ISRO INERTIAL SYSTEMS UNIT		THIRUVANANTHAPURAM-13	
DRG. NO. 8204 82 01 01		REV. No. 02	
MECHANICAL DESIGN MDD DIVISION		SCALE	SHEET OF
File no. 8204820101		A1	