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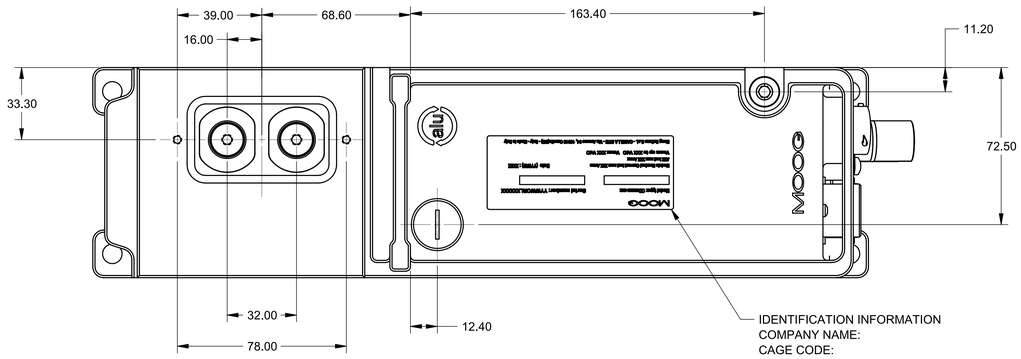
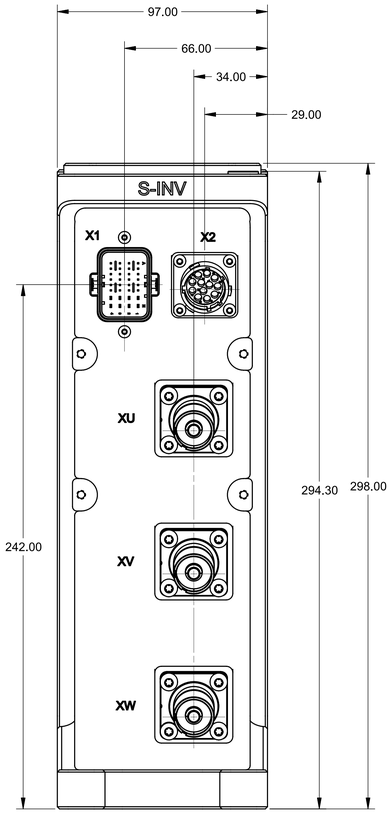
NOTES:-

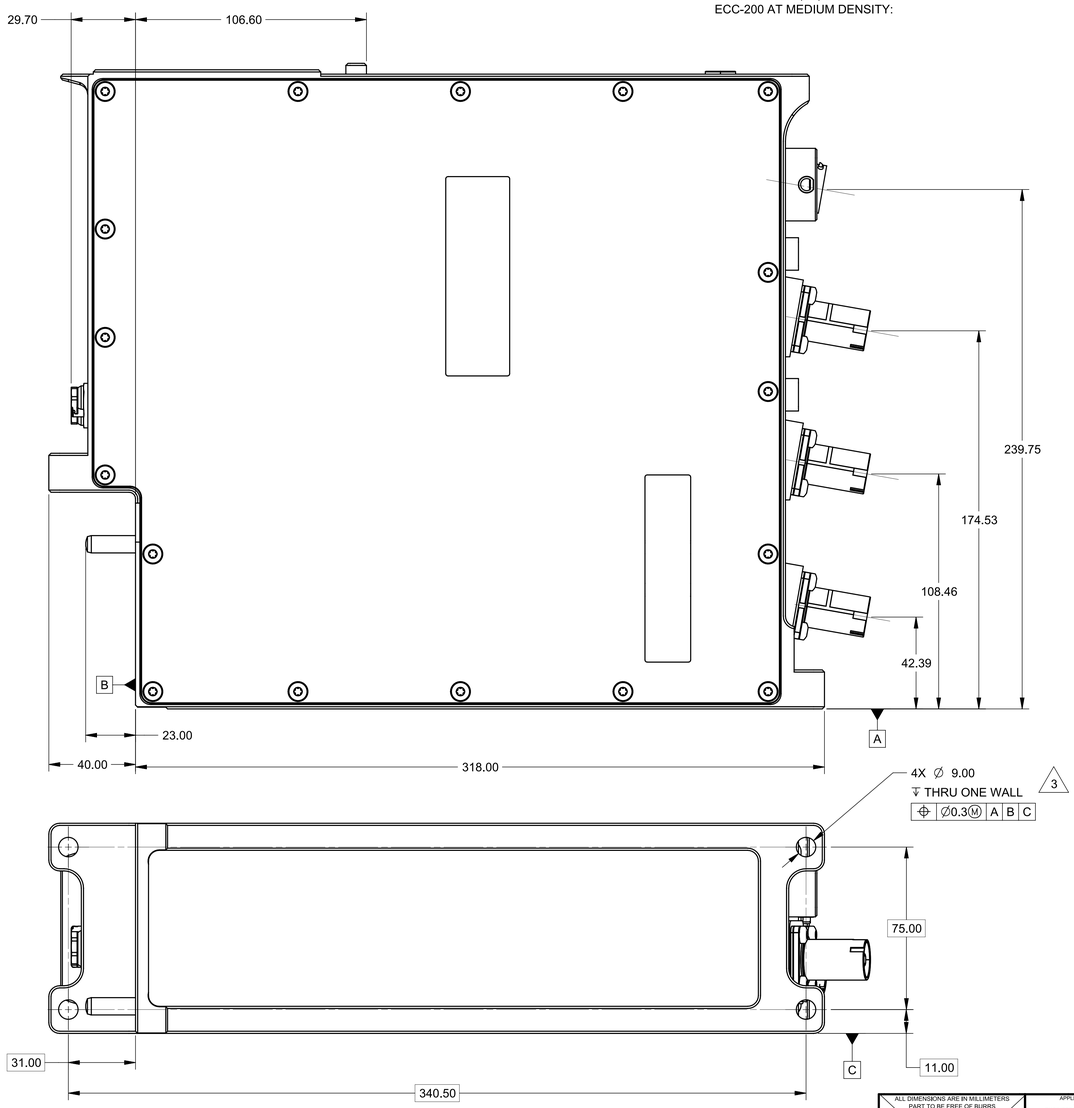
1. DIMENSIONS ARE FOR REFERENCE ONLY.
2. REFER TABLE-1 FOR CONNECTOR DETAILS
3. MINIMUM RECOMMENDED TIGHTENING TORQUE FOR THE M8 COARSE THREAD: 130 lbf-in.
4. COOLANT INLET AND OUTLET PORTS ARE IDENTIFIED AND MARKED ON LEFT VIEW ENSURE CORRECT COOLANT FLOW DIRECTION DURING THE INSTALLATION.
5. MODULE INTERFACE

   MATERIAL: STEEL.
   FINISH: NICKEL PLATE.

TABLE-1: CONNECTOR DETAILS	
CONNECTOR NO.	CONNECTOR DESCRIPTION
X1	32-POSITION, MALE HEADER, CMD SERIES, RIGHT ANGLED, PANEL MOUNTED, SEALED CONNECTOR
X2	ECO-MATE, SIZE 14, 12 POS. (RECEPTACLE ARE FEMALE)
XU	HVBI, M6 BUSBAR MOUNT, GREEN, KEY 120°
XV	HVBI, M6 BUSBAR MOUNT, BLUE, KEY 150°
XW	HVBI, M6 BUSBAR MOUNT, PURPLE, KEY 180°







ALL DIMENSIONS ARE IN MILLIMETERS
PART TO BE FREE OF BURRS
UNLESS OTHERWISE SPECIFIED
X ± 1
.X ± .2
.XX ± .12
.XXX ± .010
ANGULAR ± 0° 30'
FILLETS .2 RAD
EDGES .1-.4 RAD OR CHAMFER
SURFACE ROUGHNESS
PER ASME Y14.36 AND B46.1
3.2

APPLICABLE STANDARDS
ASME Y14.100
ENGINEERING DRAWING PRACTICES
ASME Y14.5-2009
DIMENSIONING & TOLERANCING

SIMILAR TO
NEXT ASSEMBLY
USED ON

THIRD ANGLE PROJECTION

CONTRACT NO:

DRAWN	YOGESH RAMESH	2025-09-03
CHECKED	A MANTERO	2025-09-03
ENGINEER	P GRAY	2025-09-03

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INDUSTRIAL GROUP
CASELLA, IT

MOOG

TITLE
MODULE AEMS SINGLE AXIS

SIZE A0 | CAGE CODE - | DWG NO CD52986
SCALE 1 / 1 | WT (G) | SHEET 1 OF 1

MOOG NX TEMPLATE V5.2