MOOG PROPRIETARY AND CONFIDENTIAL INFORMATION
THIS TECHNICAL DATA/DRAWING/DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO, AND IS THE EXPRESS PROPERTY OF MOOG INC., OR MOOG INC. SUBSIDIARIES EXCEPT AS EXPRESSLY GRANTED BY CONTRACT OR BY OPERATION OF LAW AND IS RESTRICTED TO USE BY ONLY MOOG EMPLOYEES AND OTHER PERSONS AUTHORIZED IN WRITING BY MOOG OR AS EXPRESSLY GRANTED BY CONTRACT OR BY OPERATION OF LAW. NO PORTION OF THIS DATA/DRAWING/DOCUMENT SHALL BE REPRODUCED OR DISCLOSED OR COPIED OR FURNISHED IN WHOLE OR IN PART TO OTHERS OR USED BY OTHERS FOR ANY PURPOSE WHATSOEVER EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY MOOG INC. OR MOOG INC. SUBSIDIARY.

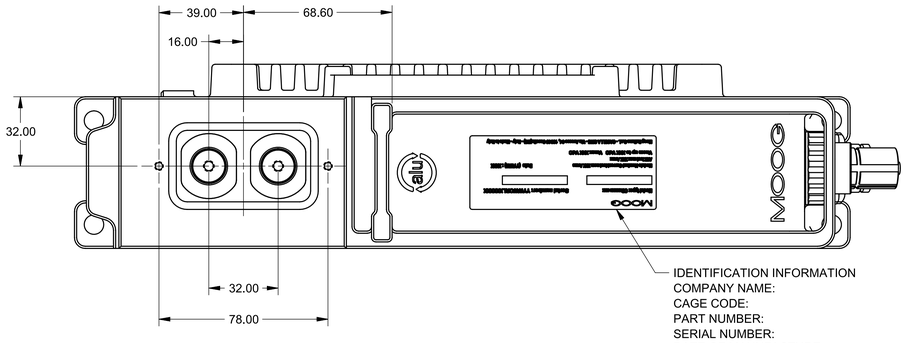
EXPORT RESTRICTED
THIS DOCUMENT CONTAINS TECHNOLOGY SUBJECT TO THE U.S. EXPORT ADMINISTRATION REGULATIONS (EAR) AND MAY NOT BE EXPORTED OR TRANSFERRED BY ANY MEANS TO ANY PERSON, COUNTRY, OR COMPANY REQUIRING A LICENSE OR OTHER AUTHORIZATION, OR FOR END-USES REQUIRING A LICENSE, WITHOUT PRIOR WRITTEN APPROVAL FROM THE U.S. DEPARTMENT OF COMMERCE, BUREAU OF INDUSTRY AND SECURITY (BIS). DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.

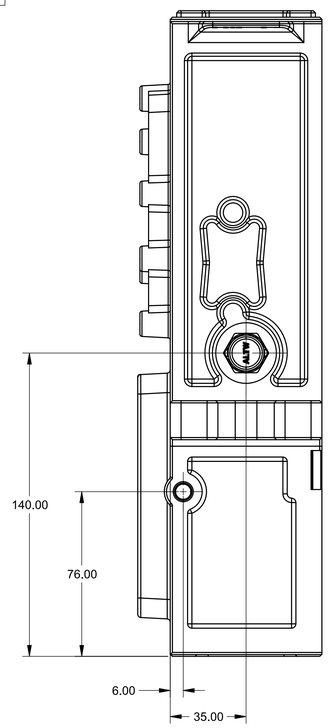
NOTES:-

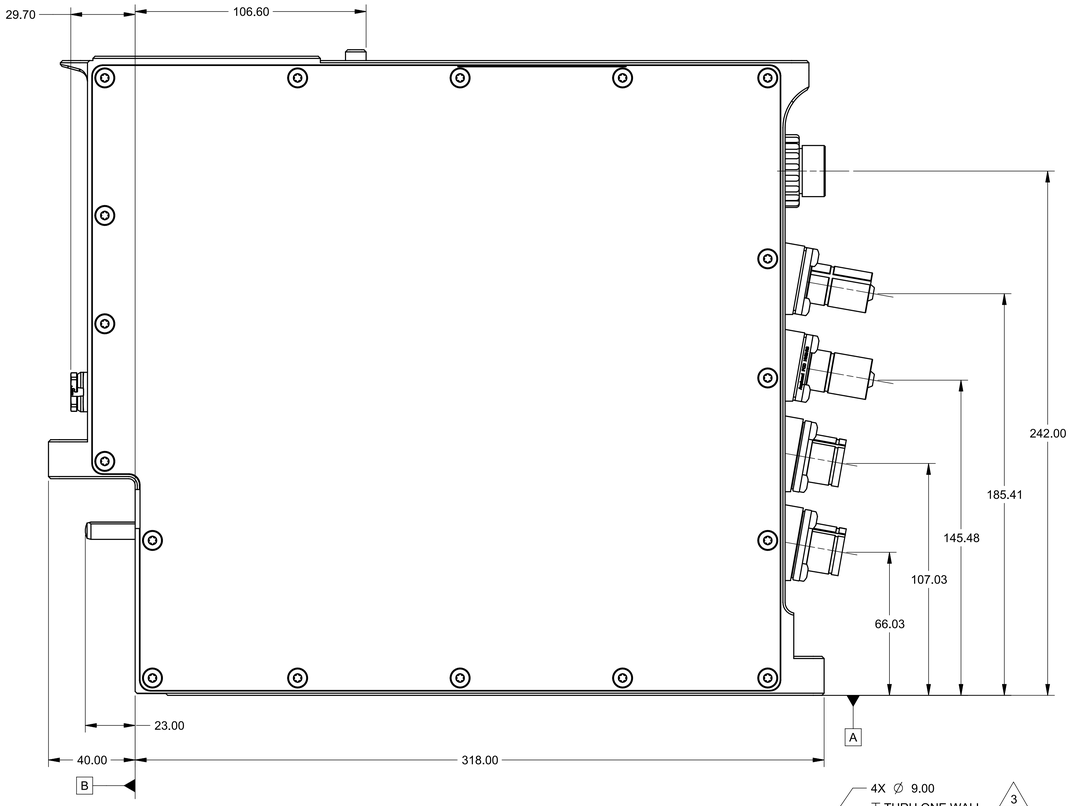
1. DIMENSIONS ARE FOR REFERENCE ONLY.
2. REFER TABLE-1 FOR CONNECTOR DETAILS
3. MINIMUM RECOMMENDED TIGHTENING TORQUE FOR THE M8 COARSE THREAD: 130 lbf-in.
4. MODULE INTERFACE

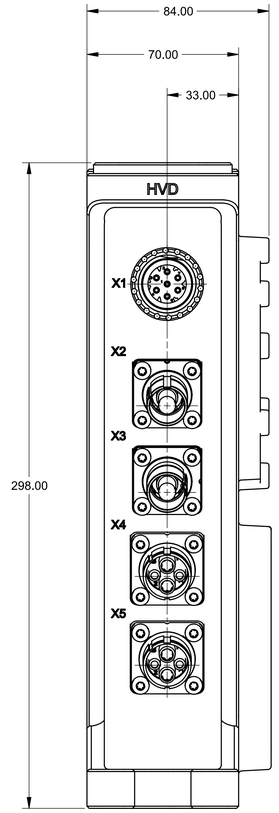
   MATERIAL: STEEL.
   FINISH: NICKEL PLATE.

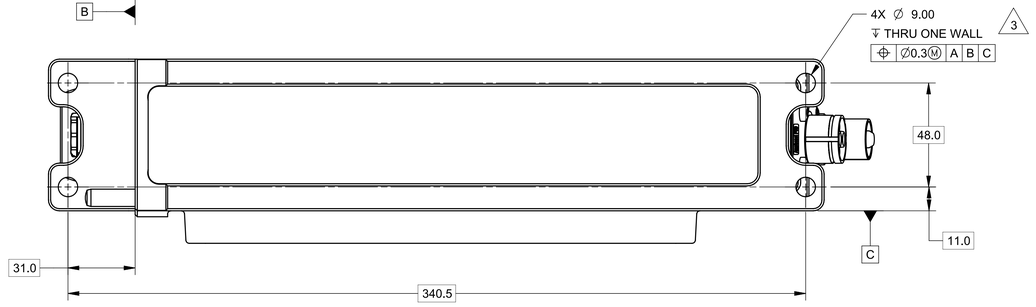
TABLE-1: CONNECTOR DETAILS	
CONNECTOR NO.	CONNECTOR DESCRIPTION
X1	7-POSITION CIRCULAR RECEPTACLE PANEL-MOUNTED, SEALED CONNECTOR
X2	HVBI, M6 BUSBAR MOUNT, BLACK, KEY 60°
X3	HVBI, M6 BUSBAR MOUNT, RED, KEY 30°
X4, X5	EXCEL | MATE MONO CONNECTOR(BLACK) (RECEPTACLES ARE FEMALE)











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'	APPLICABLE STANDARDS: ASME Y14.100 ENGINEERING DRAWING PRACTICES; ASME Y14.5-2009 DIMENSIONING & TOLERANCING	CONTRACT NO.	
FILLETS .2 RAD	SIMILAR TO	DRAWN: YOGESH RAMESH 2025-08-03	
EDGES .1-.4 RAD OR CHAMFER	NEXT ASSEMBLY	CHECKED: A MANTERO 2025-08-03	
SURFACE ROUGHNESS PER ASME Y14.36 AND B46.1 3.2	USED ON	ENGINEER: G PAUL 2025-08-03	
	THIRD ANGLE PROJECTION	MFG	
		QUALITY	
		MPE	

© A MOOG COMPANY. ALL RIGHTS RESERVED.
INDUSTRIAL GROUP
CASELLA, IT

MOOG

TITLE: MODULE AEMS HVDM

SIZE A0 | CAGE CODE - | DWG NO CD52989

SCALE 1 / 1 | WT (G) | SHEET 1 OF 1