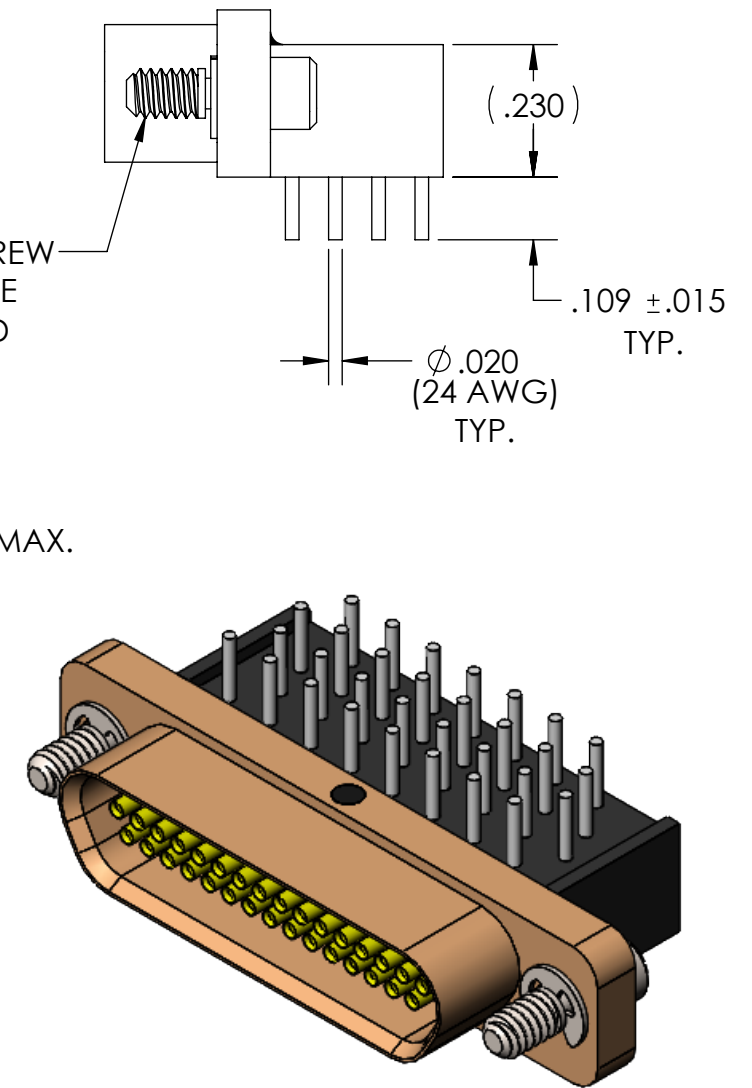
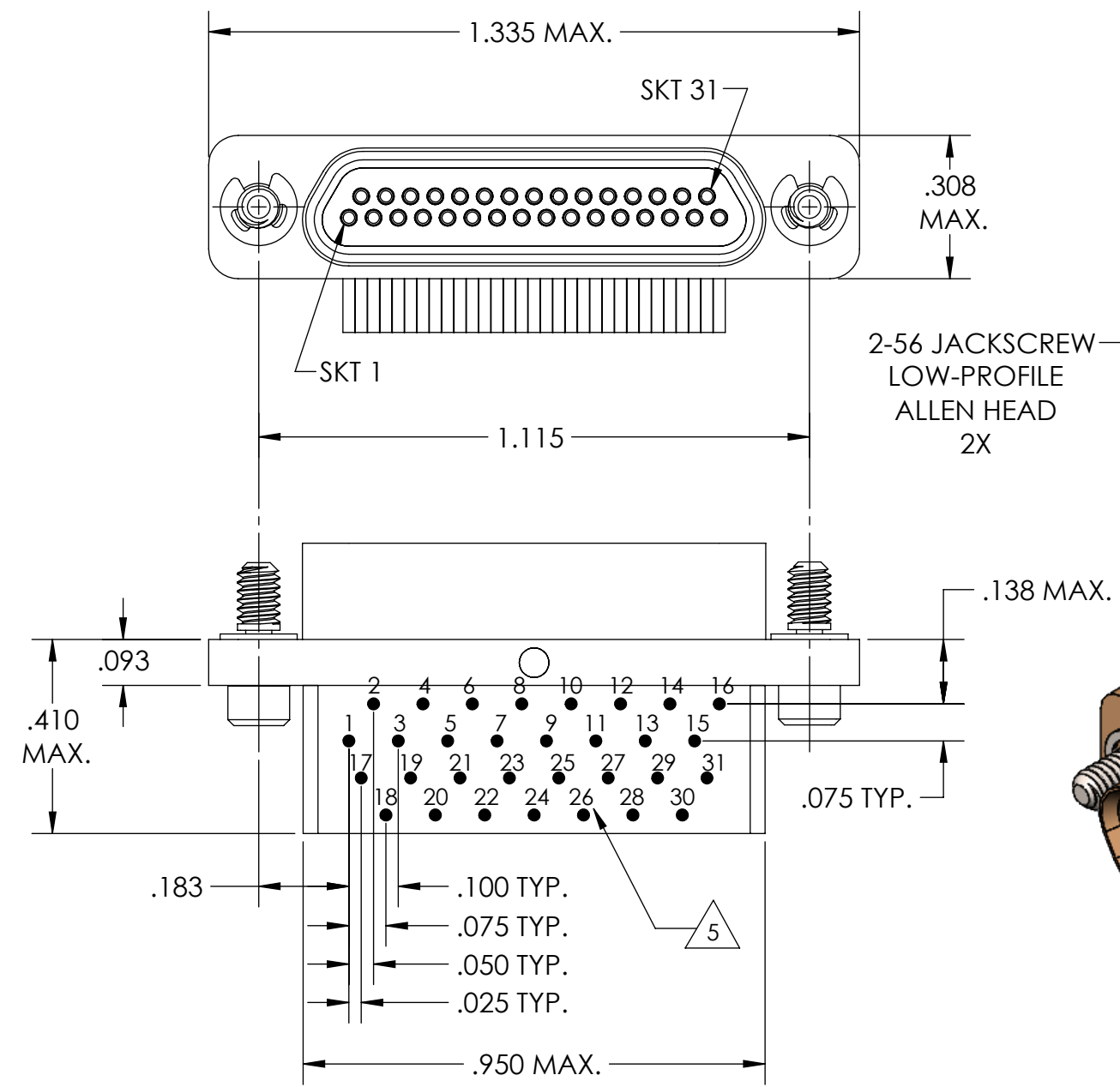
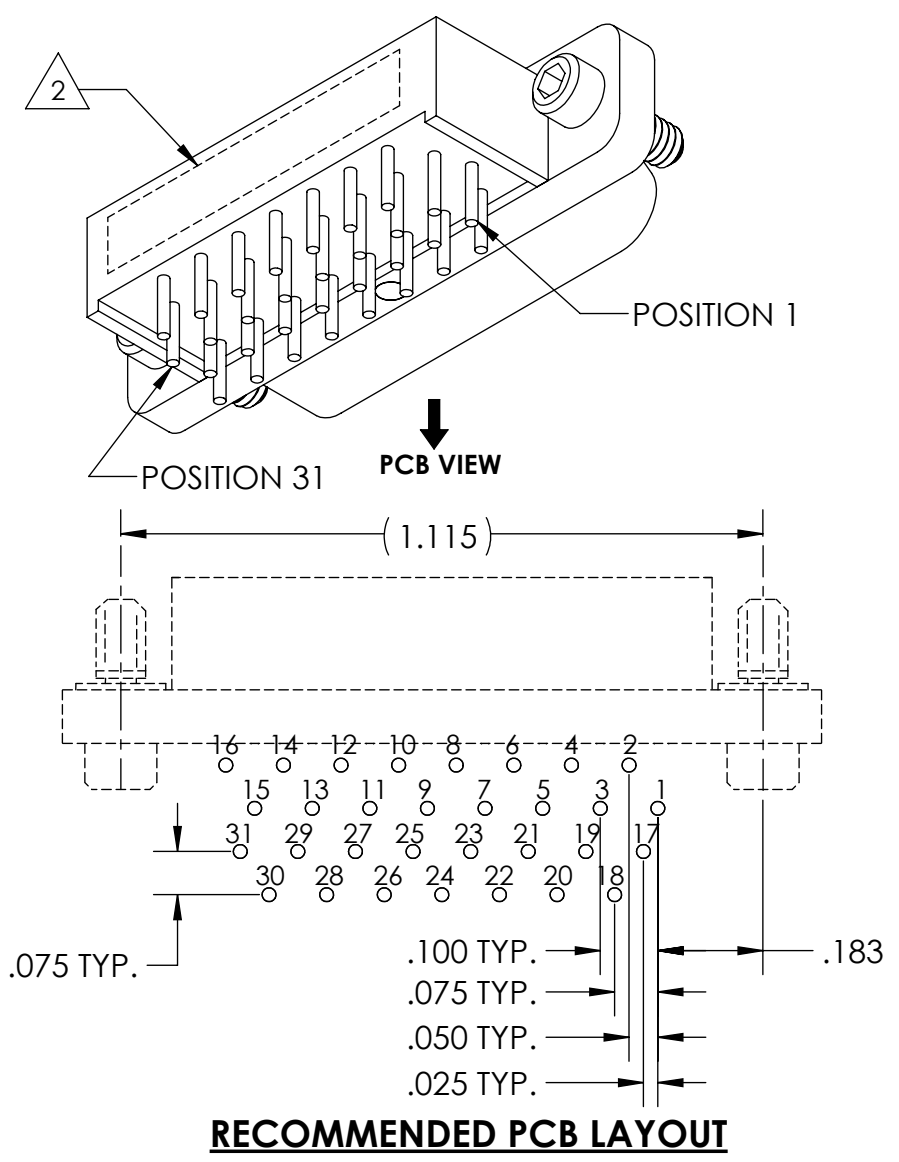


REVISIONS					
PART REV.	DWG. ISSUE	DATE	ECN NO.	APPVD. BY	REL. BY
-	-	1/24/13	UMI4856	DW	DW
A	A	3/25/21	UMI7183	DU	DW

F
E
D
C
B
A



6. CONTACT HEIGHTS ARE TO BE PER QA-STD-101.
5. NUMBERS, (LEAD LOCATIONS), ARE SHOWN FOR REFERENCE ONLY AND DO NOT APPEAR ON ACTUAL PART.
4. PERFORMANCE SPECIFICATIONS:
CURRENT RATING: 3 AMP MAX.
DWV: 600 VAC
TEMPERATURE RATING: -55°C TO 125°C
3. MATERIALS:
SHELL: 6061-T6 ALUMINUM PER AMS-QQ-A200/8, CADMIUM PLATED PER AMS-QQ-P-416
INSULATOR/BACKSHELL: PPS PER MIL-M-24519 GST-40F, COLOR: BLACK
SOCKET CONTACTS: C21000 COPPER ALLOY PER ASTM B36, GOLD PLATED PER ASTM B488
24 AWG LEADS: TIN PLATED COPPER ALLOY PER A-A-59551, TYPE S
HARDWARE: PASSIVATED STAINLESS STEEL IAW MIL-DTL-83513/5
INTERFACIAL SEAL: FLUOROSILICONE PER MIL-R-25988
2. MARKING: "UMI", DATE CODE, UMI PART NUMBER, UMI WORK ORDER NUMBER
1. CONNECTOR ASSEMBLY IS IAW MIL-DTL-83513 WHERE APPLICABLE.

NOTES: UNLESS OTHERWISE SPECIFIED.

QUALITY SYMBOLS CRITICAL MAJOR NO SYMBOLS = MINOR DIMENSIONS	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES	SCALE 3 : 1	DWG SIZE B	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
	GENERAL TOLERANCES: 3 PLACES ±.005 2 PLACES ±.01 ANGULAR ±2°	DRAWN BY & DATE DU 3/25/21		TITLE: MICRO-D CIRCUIT CONNECTOR, CM18R31S02, CADMIUM PLATED SHELL		
	ULTI-MATE CAGE CODE 58967	CHECKED BY & DATE DW 3/25/21		MATERIAL: 3	ENG PROJECT #: NONE	
		APPROVED BY & DATE DW 3/25/21		PART NO. 836250012	DRAWING NO. SD-836250012	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		CAD FILE NAME SD-836250012.slddrw		PART REV. A		