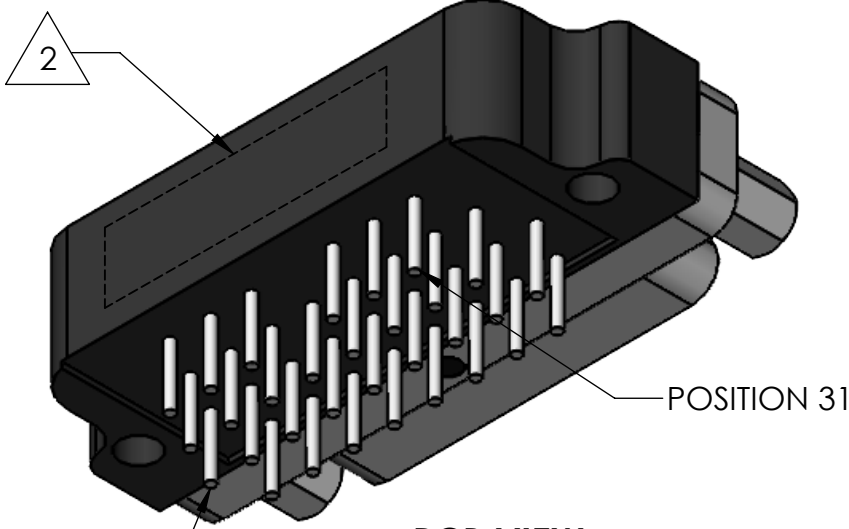
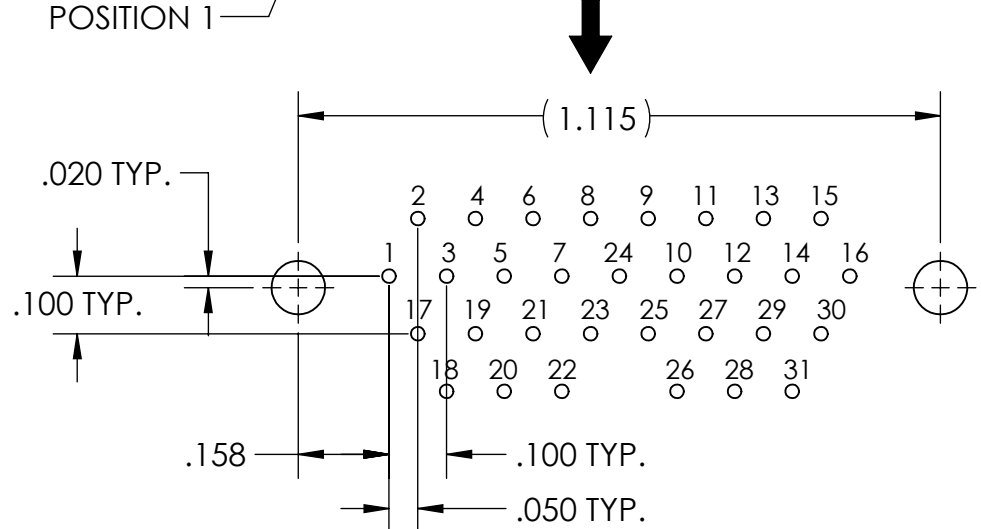


REVISIONS

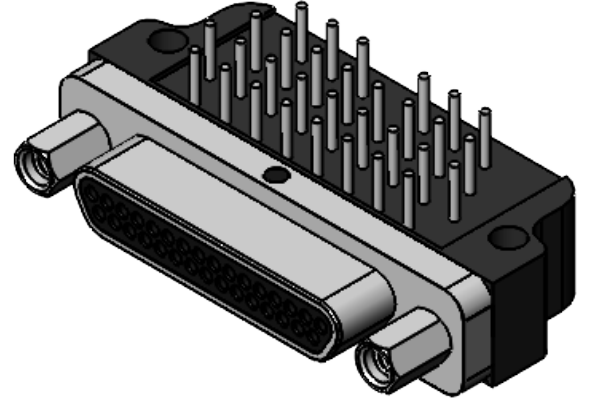
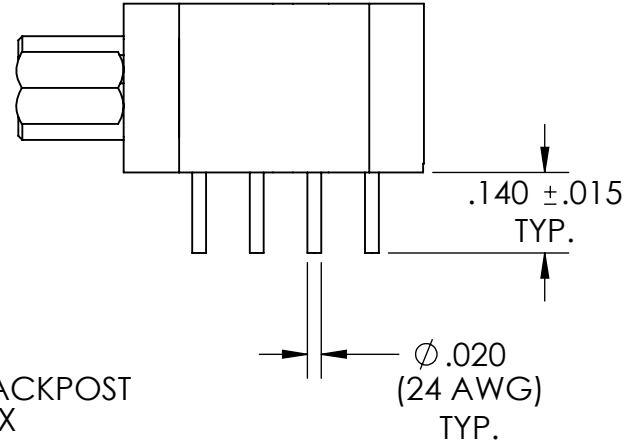
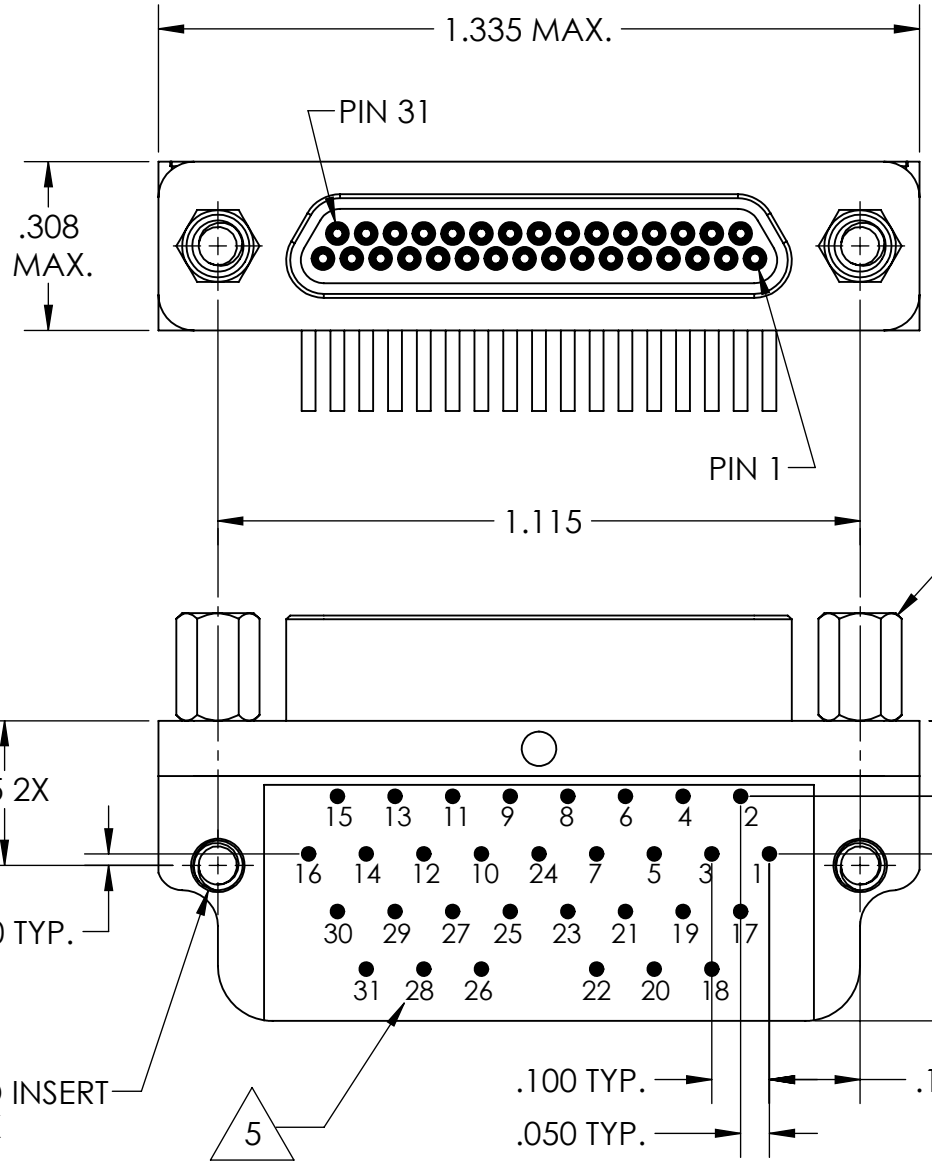
PART REV.	DWG. ISSUE	DATE	ECN NO.	APPVD. BY	REL. BY
-	-	10/23/2014	UMI5452	DW	DW
-	A	2/18/2020	UMI7400	JA	DW
-	B	6/11/2021	UMI7776	DU	DW



PCB VIEW



RECOMMENDED PCB LAYOUT



- 5 NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON PART.
- 4. PERFORMANCE SPECIFICATIONS:
CURRENT RATING: 3 AMPS MAX.
INSULATION RESISTANCE: 5000 MEGOHMS MIN.
DWV: 600 VAC
TEMPERATURE RATING: -55°C TO 125°C
- 3 MATERIALS:
SHELL: 6061-T6 ALUMINUM PER AMS-QQ-A200/8, NICKEL PLATED PER AMS 2404
INSULATOR AND BACKSHELL: PPS PER MIL-M-24519 GST-40F, COLOR: BLK
PIN CONTACTS: C17200 BERYLLIUM COPPER PER ASTM B194, 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
- 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 SYMBOL = MINOR DIMENSION	UNLESS SPECIFIED: ALL DIMENSIONS IN INCHES GENERAL TOLERANCES: 3 PLACE ±.005 2 PLACE ±.01 ANGULAR ±2° ALL EXTERNAL SPECIFICATIONS REFERENCED ON THIS DRAWING SHALL BE THE LATEST REVISION IN EFFECT Ulti-Mate CAGE CODE 58967	SCALE 3:1	DWG SIZE B	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
	DRAWN BY & DATE JB 10/23/2014	TITLE MICRO-D CIRCUIT CONNECTOR, PLUG, STYLE 1, SIZE 31 CM1R31P07T-0.140-S01		MATERIAL 3	ENG PROJECT # NONE		
	CHECKED BY & DATE DW 10-23-14	APPROVED BY & DATE DW 10-23-14		PART NO. 836151128	DRAWING NO. SD-836151128	SHEET NO. 1 OF 1	PART REV. -
	CAD FILENAME SD-836151128.slddrw	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					