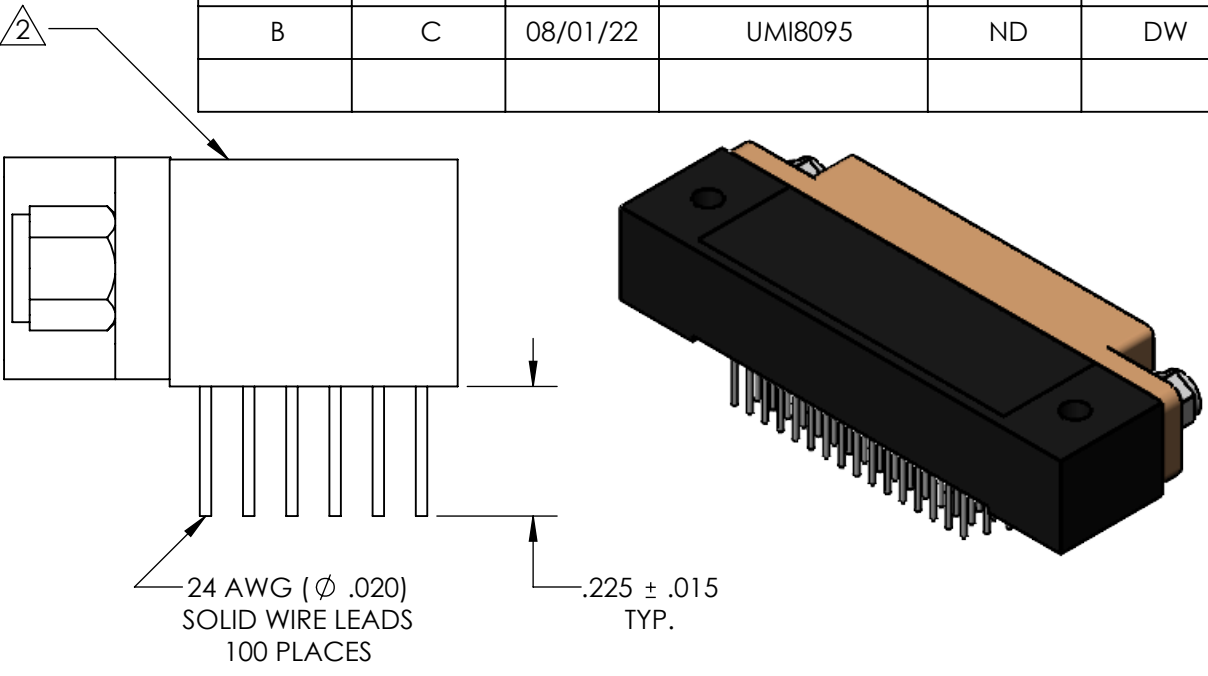
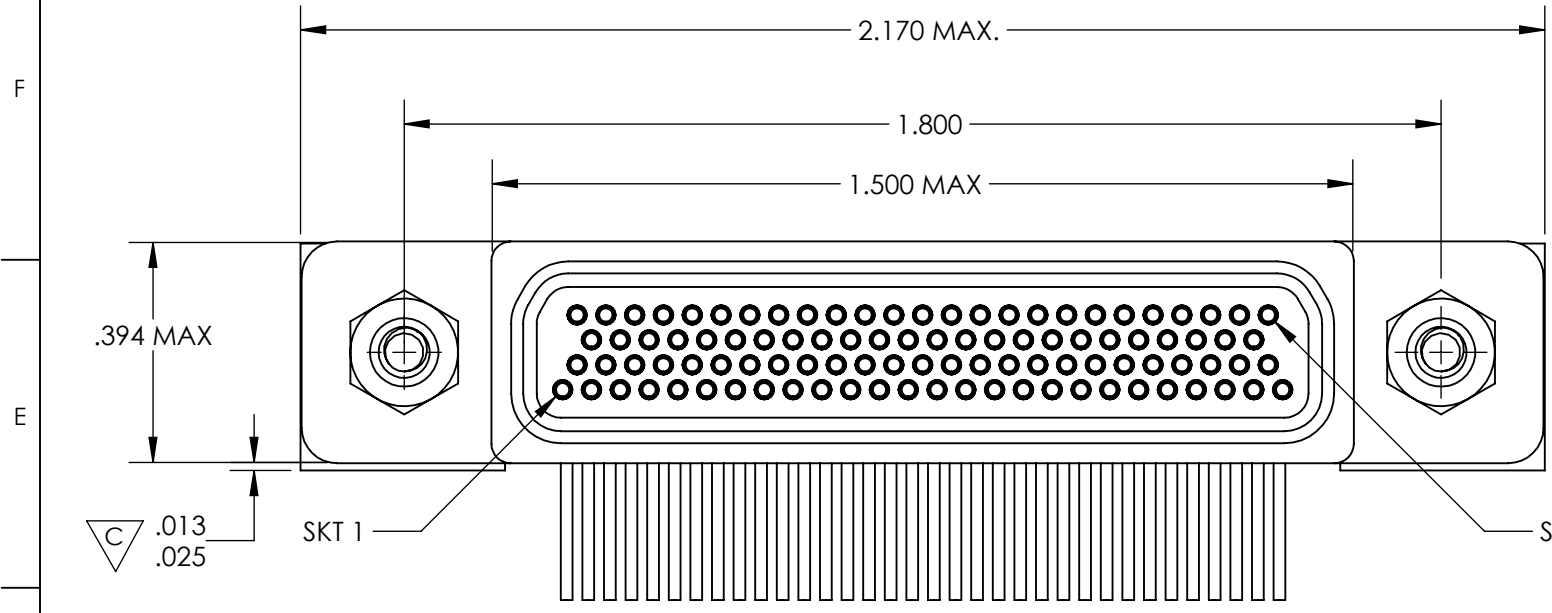
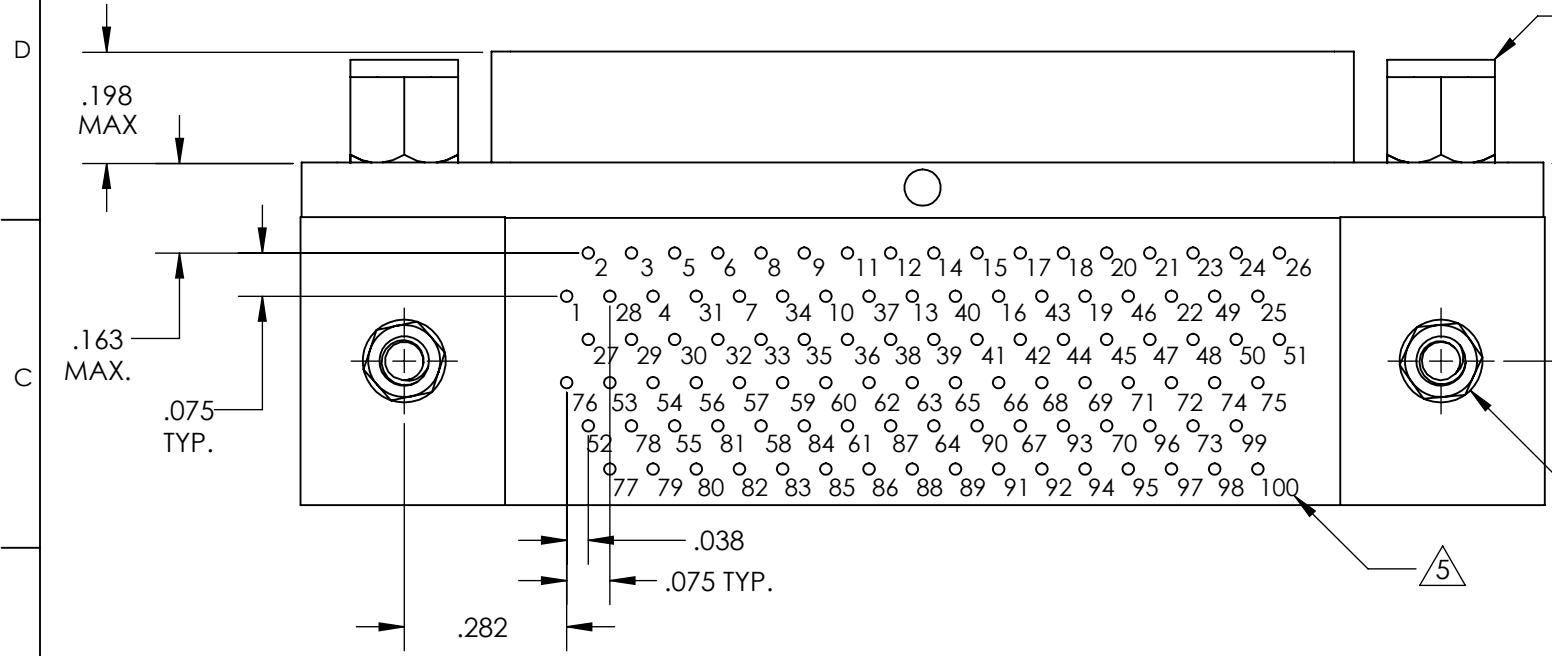
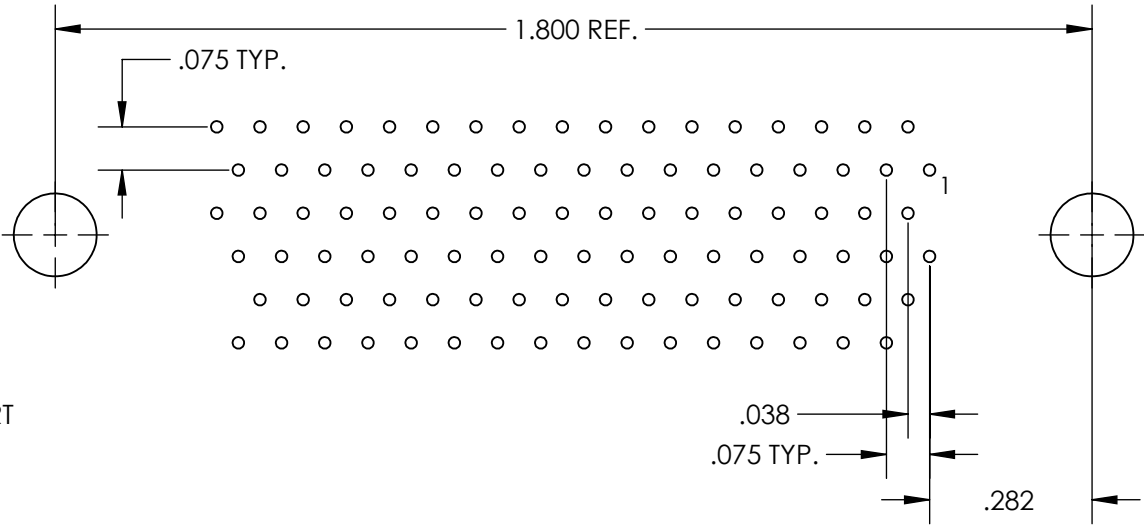


REVISIONS

PART REV.	DWG. ISSUE	DATE	ECN NO.	APPVD. BY	REL. BY
B	B	2/19/2020	UMI7403	JA	DW
B	C	08/01/22	UMI8095	ND	DW



RECOMMENDED PCB LAYOUT



5 NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON PART.

4. PERFORMANCE SPECIFICATIONS:
 CURRENT RATING: 3A MAX.
 INSULATION RESISTANCE: 5000 MΩ MIN.
 DWV: 600 VAC
 TEMPERATURE RATING: 125°C

3 MATERIALS:
 SHELL: 6061-T6 ALUMINUM PER AMS-QQ-A200/8, CADMIUM PLATED PER AMS-QQ-P-416
 INSULATOR AND BACKSHELL: PPS PER MIL-M-24519 GST-40F, COLOR: BLK
 SOCKET CONTACTS: C21000 COPPER ALLOY PER ASTM B36, GOLD PLATED PER ASTM B488
 24 AWG SOLID WIRE: COPPER ALLOY PER A-A-59551 TYPE S, 60/40 TIN/LEAD PLATED PER AMS-P-81728
 HARDWARE: PASSIVATED STAINLESS STEEL IAW MIL-DTL-83513/5
 INTERFACIAL SEAL: FLUOROSILICONE PER MIL-R-25988

2 MARKINGS: UMI, UMI PART NO., AND DATE CODE
 1. CONNECTOR ASSEMBLY IS IAW MIL-DTL-83513 UNLESS OTHERWISE SPECIFIED

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 01/23/2014	TITLE MICRO-D CIRCUIT CONNECTOR, RECEPTACLE, SIZE 100, STYLE 8 CM8R100S17T-.225		MATERIAL 3	ENG PROJECT # E161
	CHECKED BY & DATE DW 1-24-14	APPROVED BY & DATE DW 1-24-14		PART NO. 839000414	DRAWING NO. SD-839000414
	CAD FILENAME SD-839000414.slddrw	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SHEET NO. 1 OF 1	PART REV. B
	Ulti-Mate Connector Inc.				