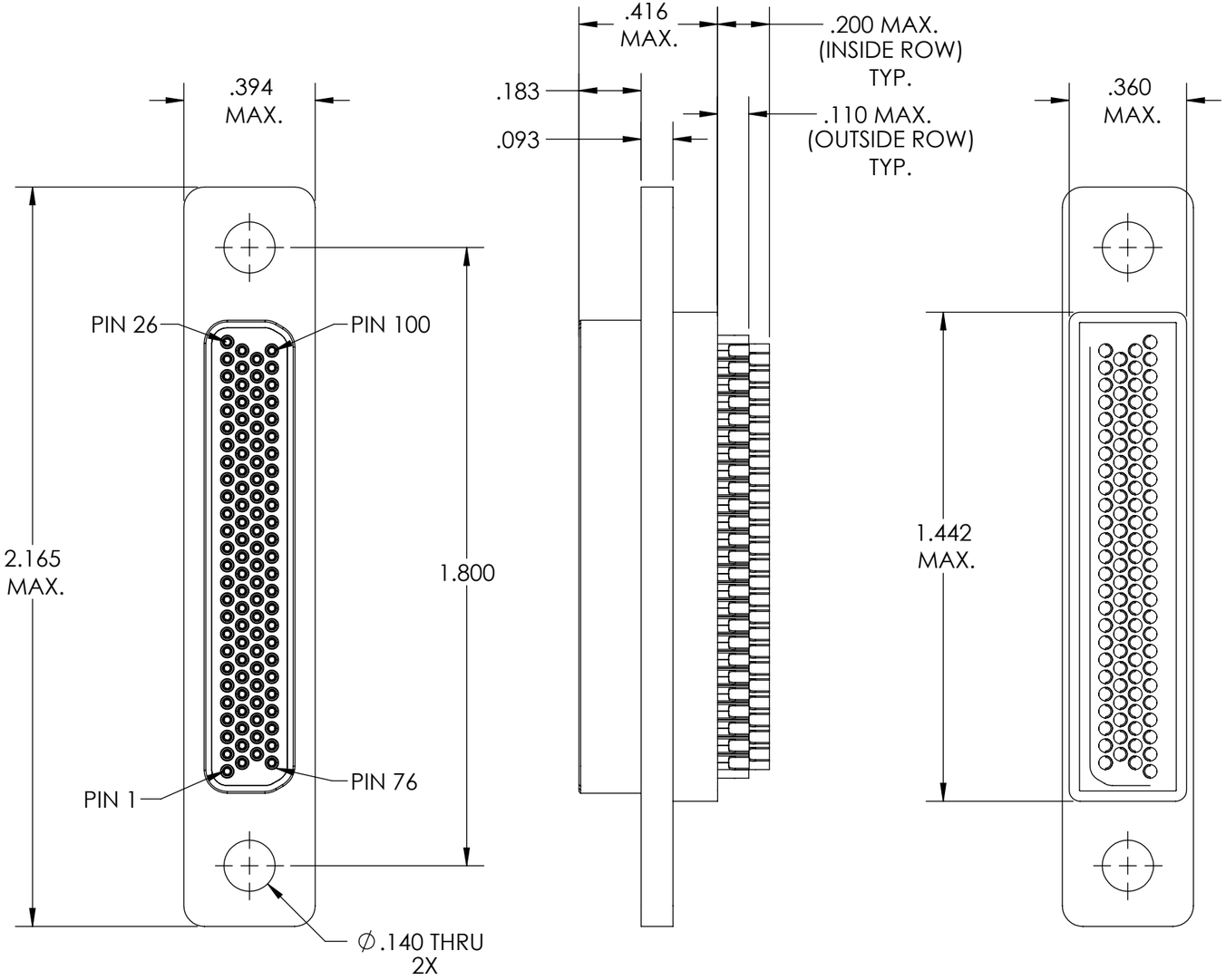
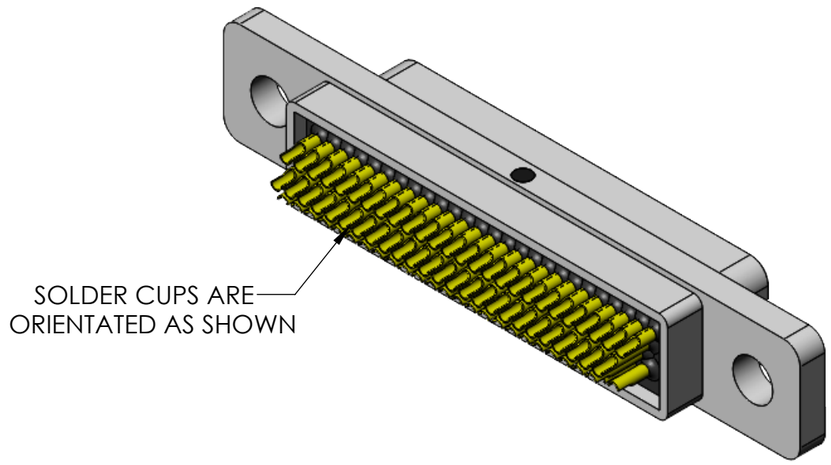
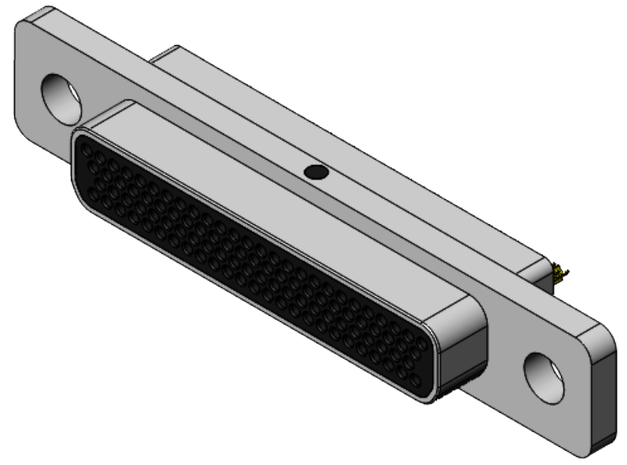
10	9	8	7	6	5	4	3	2	SD-134181000

PART REV	DWG ISSUE	DATE	ECN NO.	APPVD BY	REL BY
-	-	5/24/22	UMI8033	DU	DW







5. CONTACT HEIGHTS ARE TO BE PER QA-STD-101.

4. PERFORMANCE SPECIFICATIONS (AT ROOM TEMPERATURE):
   CURRENT RATING: 3 AMPS MAX.
   INSULATION RESISTANCE: 5000 MEGOHM MIN.
   DWV: 600 VAC
   SERVICE TEMPERATURE RANGE: 4K (-269°C) TO 121°C

3. MATERIALS:
   SHELL: 6061-T6 ALUMINUM PER AMS-Q-Q-A200/8, NICKEL PLATED PER AMS-2404
   INSULATOR: PPS PER MIL-M-24519 GST-40F, COLOR: BLACK
   PIN CONTACTS/SOLDER CUPS: C17200 BERYLLIUM COPPER PER ASTM B194, GOLD PLATED PER ASTM B488

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 C = 2
MAJOR
NO SYMBOLS = MINOR DIMENSIONS

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES
GENERAL TOLERANCES:
3 PLACES ±.005 [.127]
2 PLACES ±.01 [.25]
ANGULAR ±2° [50']

ULTI-MATE CAGE CODE
58967

SCALE: NONE	DWG SIZE: B	THIRD ANGLE PROJECTION	**REVISE ON CAD ONLY**
DRAWN BY & DATE: **DU 5/24/22**	TITLE: **CONNECTOR ASSEMBLY, MR100N0-S01-LO, LOW-TEMP, (CRYO-TEMP)**		
CHECKED BY & DATE: **DW 5/24/22**	MATERIAL: 3	ENG PROJECT #: **TR712**	Ulti-Mate Connector Inc.
APPROVED BY & DATE: **DW 5/24/22**			
CAD FILE NAME: **SD-134181000.SLDDRW**	PART NO. **134181000**	DRAWING NO. **SD-134181000**	SHEET NO. **1 of 1**
			PART REV. **-**

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.