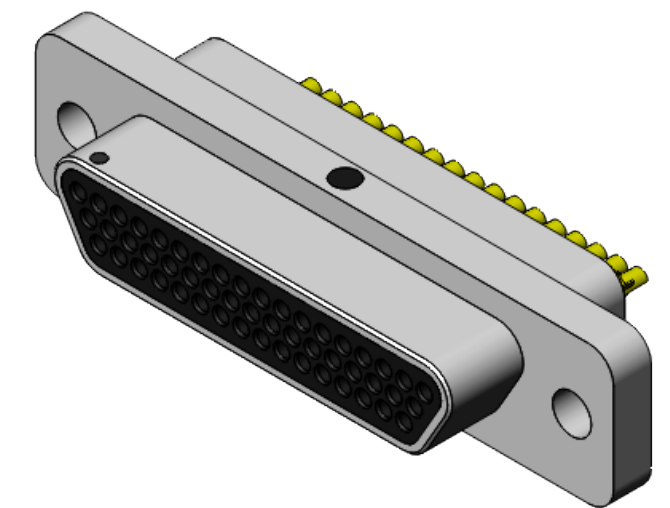
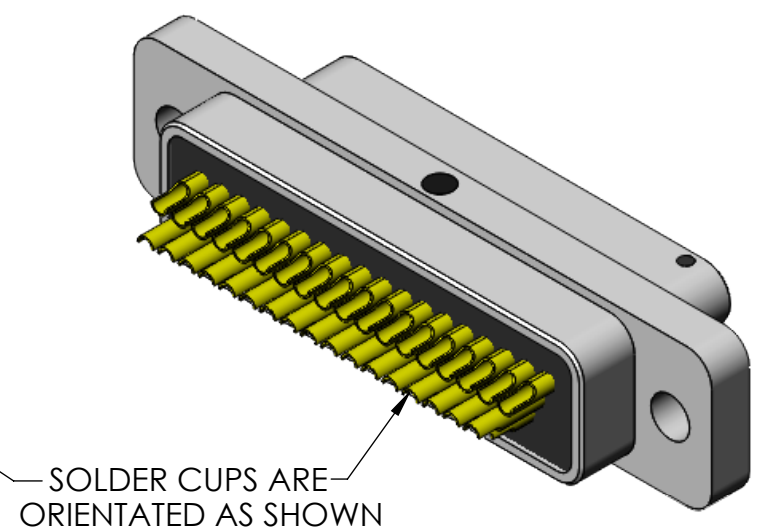
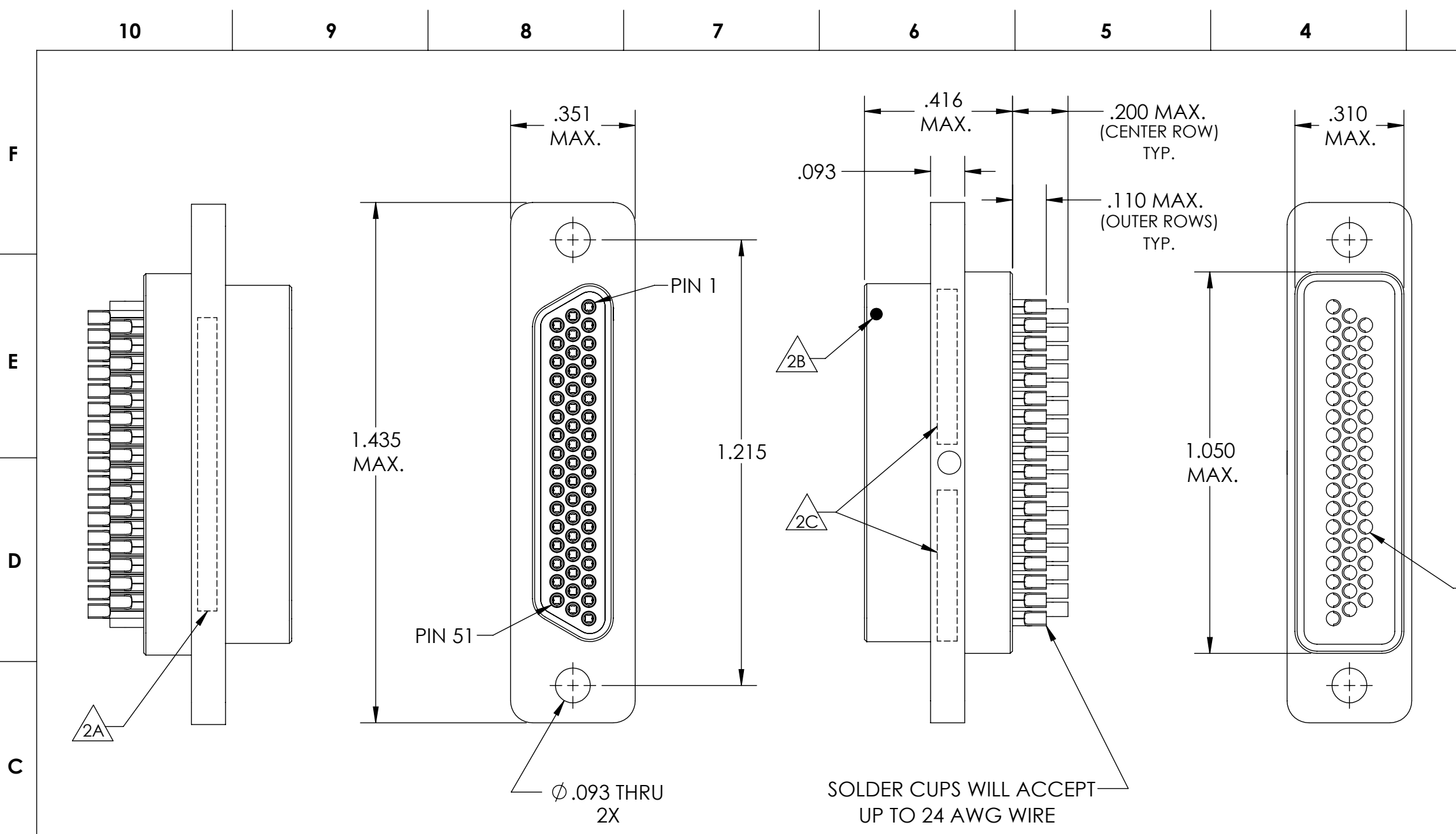


PART REV	DWG ISSUE	DATE	ECN NO.	APPVD BY	REL BY
-	-	12/10/18	UMI6967	DU	DW



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

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, NICKEL PLATED PER AMS-2404  
 INSULATOR: PPS PER MIL-M-24519 GST-40F, COLOR: BLACK  
 PIN CONTACTS/SOLDERCUPS: C17200 BERYLLIUM COPPER PER ASTM B194, GOLD PLATED PER ASTM B488

2. MARKING:  
 2A M83513/01-GN  
 2B A DOT INDICATING POSITION 1  
 2C "UMI", DATE CODE, UMI WORK ORDER NUMBER

1. CONNECTOR ASSEMBLY IS IAW MIL-DTL-83513 UNLESS OTHERWISE SPECIFIED.

NOTES: UNLESS OTHERWISE SPECIFIED.

SOLDER CUPS WILL ACCEPT UP TO 24 AWG WIRE

QUALITY SYMBOLS CRITICAL MAJOR NO SYMBOLS = MINOR DIMENSIONS	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES	SCALE <b>3:1</b>	DWG SIZE <b>B</b>	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY	
	GENERAL TOLERANCES: 3 PLACES ±.005 2 PLACES ±.01 ANGULAR ±2°	DRAWN BY & DATE <b>DU 12/10/18</b>	TITLE: <b>MIL SPEC MICRO-D CONNECTOR,                  MIL-DTL-83513/01-GN,                  (MR51-3N0-S01)</b>			
		CHECKED BY & DATE <b>DW 12/10/18</b>	MATERIAL: <b>3</b>		ENG PROJECT #: <b>NONE</b>	
		APPROVED BY & DATE <b>DW 12/10/18</b>	CAD FILE NAME <b>SD-835171000.sliddrw</b>	PART NO. <b>835171000</b>	DRAWING NO. <b>SD-835171000</b>	
	ULTI-MATE CAGE CODE <b>58967</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				