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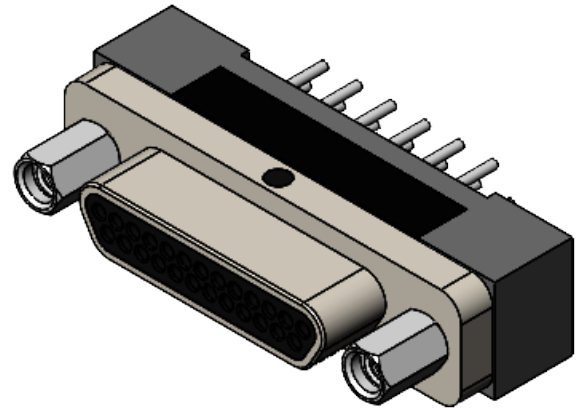
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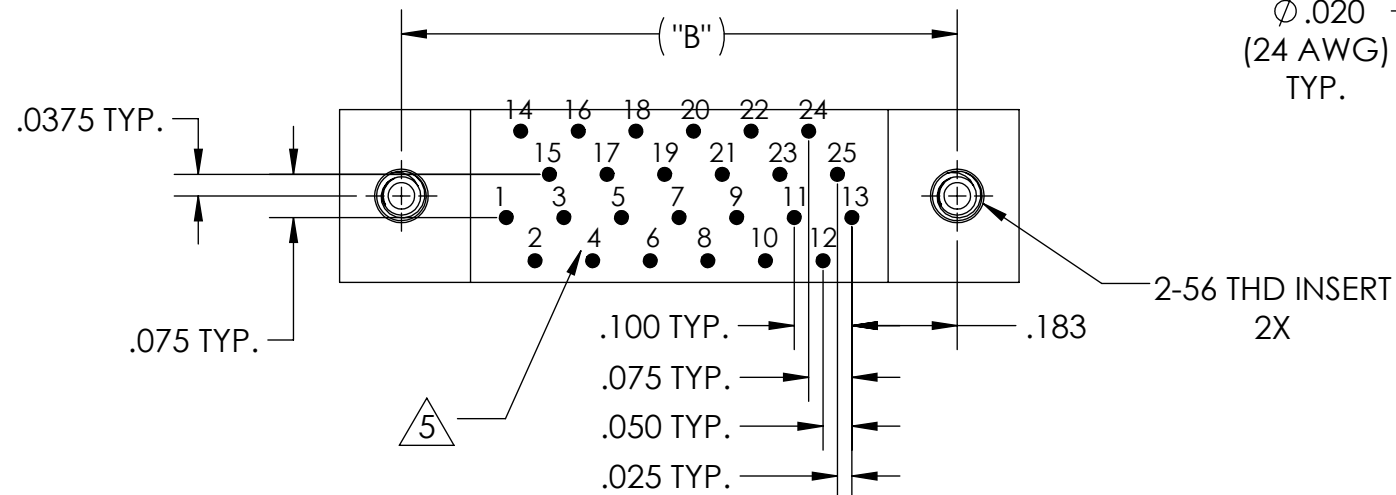
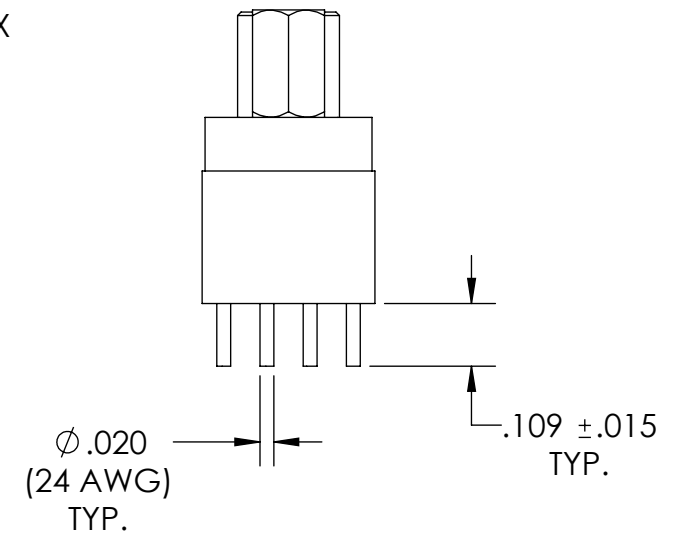
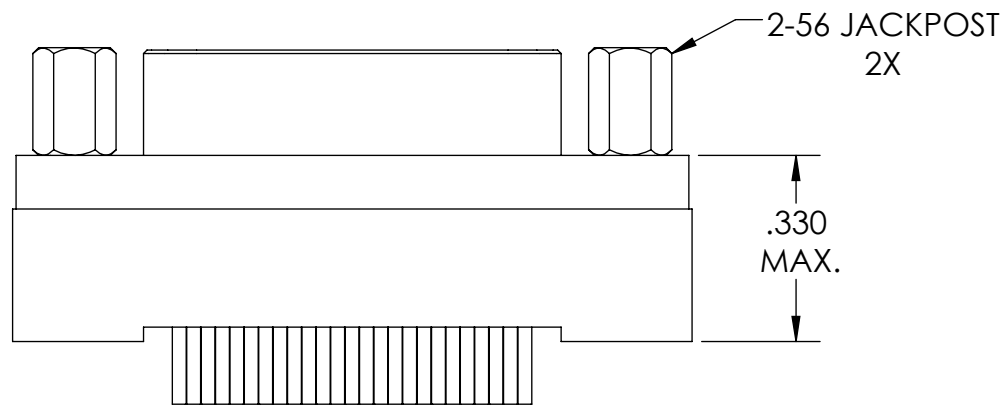
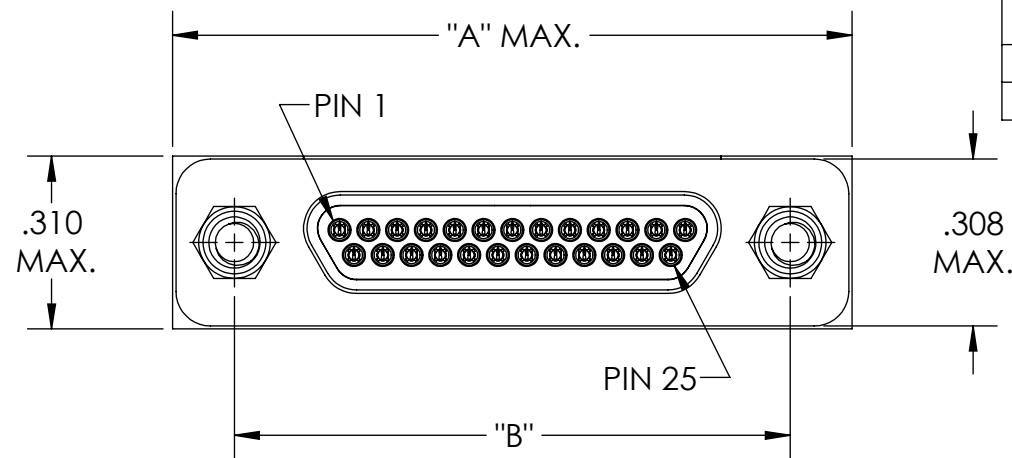
SD-836141618



**SIZE 25 SHOWN**

8

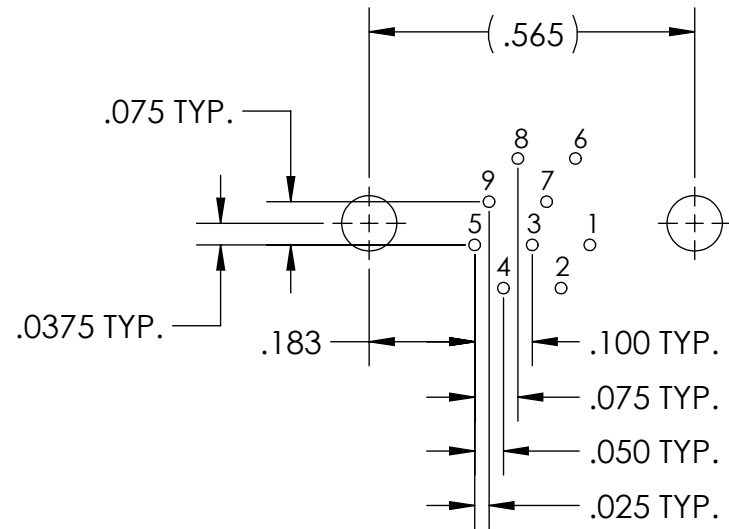
PART NUMBER	PART REV.	SIZE	DIM "A" MAX.	DIM "B"
836111618	-	9	.785	.565
836121618	-	15	.935	.715
836131618	-	21	1.085	.865
836141618	-	25	1.185	.965
836161618	-	37	1.485	1.265



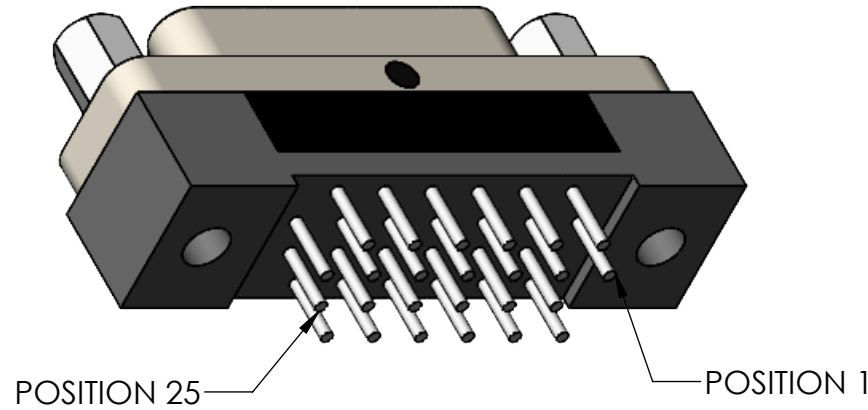
- 8 FOR SIZE 31 SEE DRAWING SD-836151618.
- 7. SEE SHEET 2 OF 2 FOR RECOMMENDED PCB LAYOUT.
- 6. CONTACT HEIGHTS ARE TO BE PER QA-STD-101.
- 5 LEAD LOCATION NUMBER AER SHOWN FOR REFERENCE ONLY AND DO NOT APPEAR ON ACTUAL PART
- 4. PERFORMANCE SPECIFICATIONS:  
CURRENT RATING: 3 AMP MAX.  
DWV: 600 VAC  
TEMPERATURE RATING: -55°C TO 125°C
- 3 MATERIALS:  
SHELL: 6061-T6 ALUMINUM PER AMS-QQ-A200/8, NICKEL PLATED PER AMS-2404  
INSULATOR/BACKSHELL: PPS MIL-M-24519 GST-40F, COLOR: BLACK  
PIN CONTACTS: C17200 BERYLLIUM COPPER PER ASTM B194, GOLD PLATED PER ASTM B488  
24 AWG LEADS: TIN PLATED COPPER ALLOY PER A-A59551, TYPE S  
HARDWARE: PASSIVATED STAINLESS STEEL, 300 SERIES.
- 2. MARKING: "UMI", DATE CODE, UMI PART NUMBER, UMI WORK ORDER NUMBER
- 1. CONNECTOR ASSEMBLY IS IAW MIL-DTL-83513 UNLESS OTHERWISE SPECIFIED.

**NOTES: UNLESS OTHERWISE SPECIFIED.**

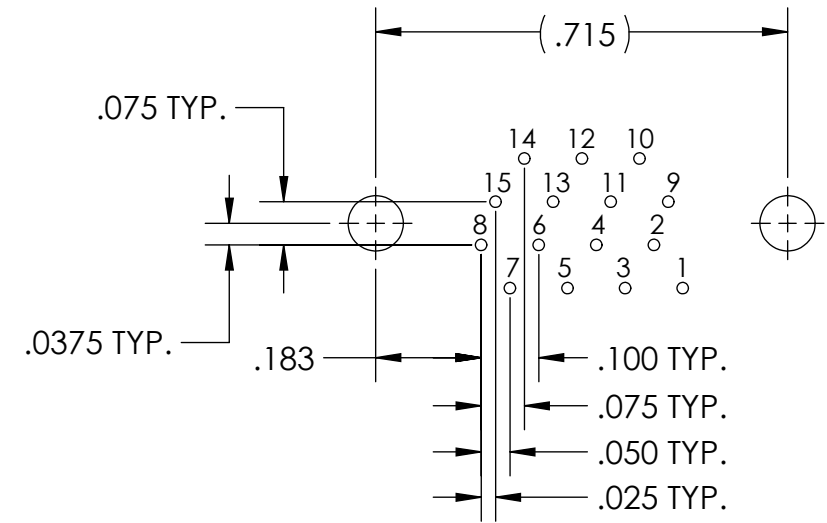
QUALITY SYMBOLS CRITICAL  MAJOR  NO SYMBOLS = MINOR DIMENSIONS	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES	SCALE <b>3 : 1</b>	DWG SIZE <b>B</b>	THIRD ANGLE PROJECTION	<b>REVISE ON CAD ONLY</b>		
	GENERAL TOLERANCES:  3 PLACES ±.005 2 PLACES ±.01 ANGULAR ±2°  ULTI-MATE CAGE CODE <b>58967</b>	DRAWN BY & DATE <b>DU 7/8/19</b>		TITLE: <b>MICRO-D CIRCUIT CONNECTOR, CM6R**P07T-S01</b>			
		CHECKED BY & DATE <b>DW 7/8/19</b>		MATERIAL: <b>3</b>	ENG PROJECT #: <b>NONE</b>		
		APPROVED BY & DATE <b>DW 7/8/19</b>		PART NO. <b>SEE TABLE</b>	DRAWING NO. <b>SD-836141618</b>		
		CAD FILE NAME <b>SD-836141618.sliddrw</b>		PART REV. <b>SEE TABLE</b>			PART REV. <b>SEE TABLE</b>
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTI-MATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.							



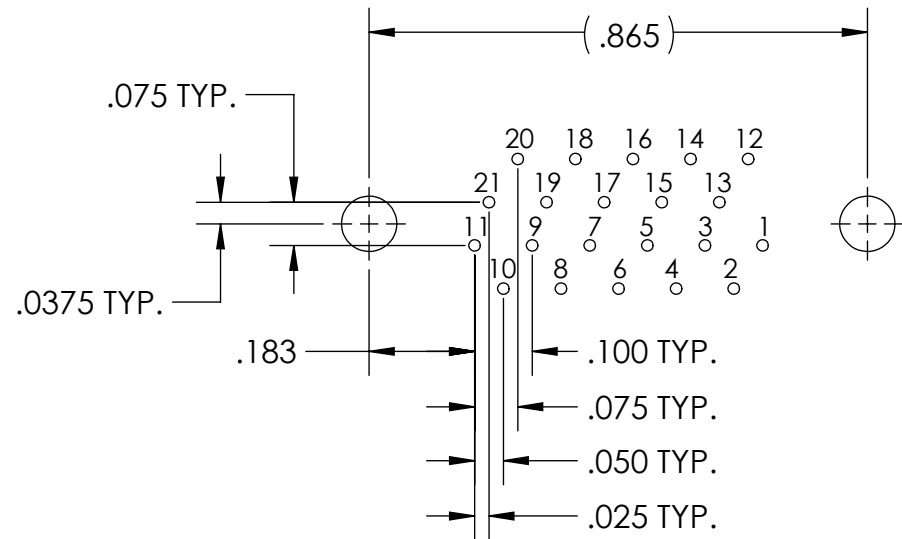
**SIZE 9**



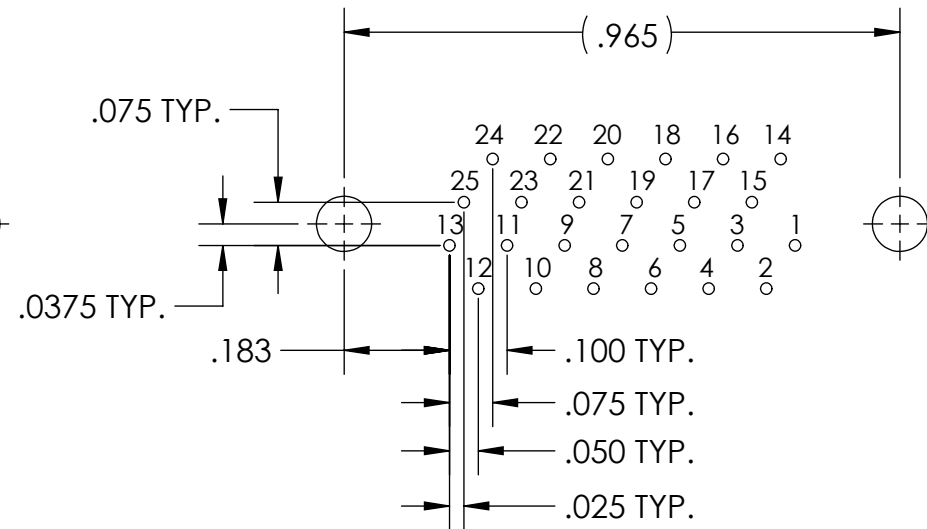
**PCB VIEW**



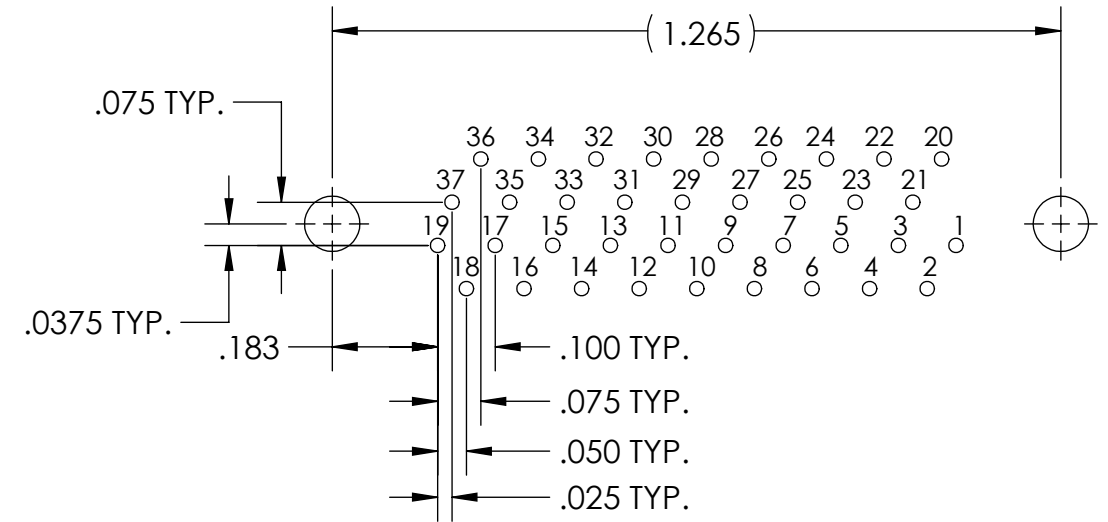
**SIZE 15**



**SIZE 21**



**SIZE 25**



**SIZE 37**

**RECOMMENDED PCB LAYOUT**

<p>QUALITY SYMBOLS</p> <p>CRITICAL </p> <p>MAJOR </p> <p>NO SYMBOL = MINOR DIMENSION</p>	<p><b>UNLESS SPECIFIED:</b></p> <p>ALL DIMENSIONS IN INCHES</p> <p>GENERAL TOLERANCES:</p> <p>3 PLACE ±.002</p> <p>2 PLACE ±.005</p> <p>ANGULAR ±2°</p> <p>Ulti-Mate CAGE CODE <b>58967</b></p>	THIRD ANGLE PROJECTION	<p><b>REVISE ON CAD ONLY</b></p>			
		<p>ALL EXTERNAL SPECIFICATIONS REFERENCED ON THIS DRAWING SHALL BE THE LATEST REVISION IN EFFECT</p>		<p>SCALE <b>3:1</b></p>	<p>DWG SIZE <b>B</b></p>	
		<p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ULTIMATE INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.</p>	<p>ENG PROJECT #</p>			
			<p>PART NO. <b>836141618</b></p> <p>CAD FILENAME <b>sd-836141618.slddrw</b></p> <p>DRAWING NO. <b>sd-836141618</b></p>		<p>SHEET NO. <b>2 OF 2</b></p>	<p>PART REV. <b>-</b></p>