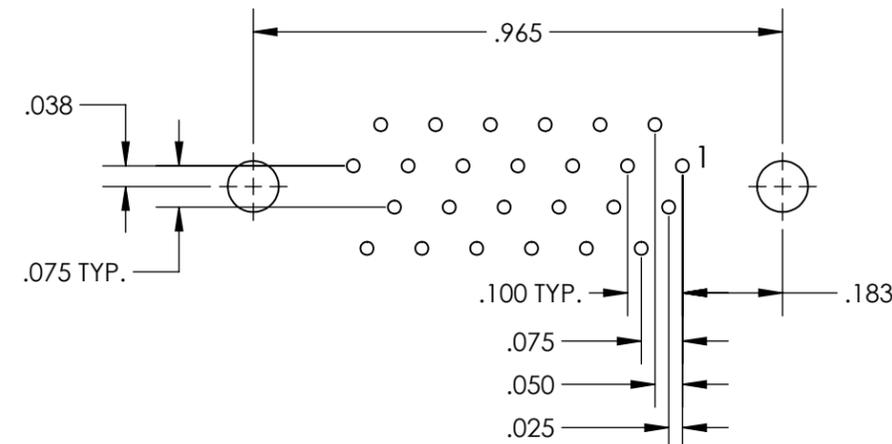
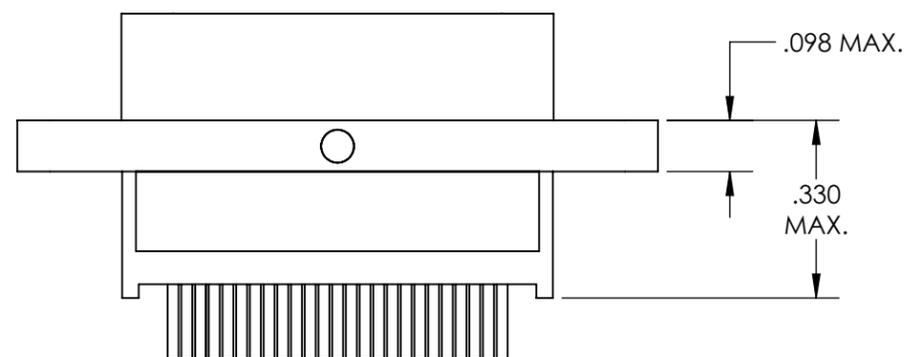
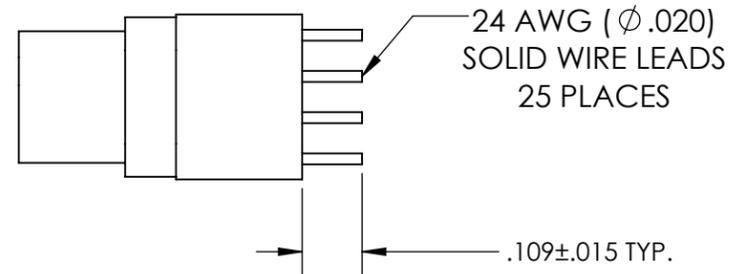
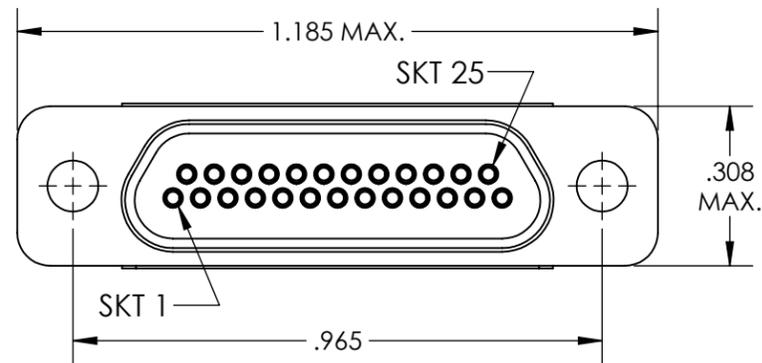
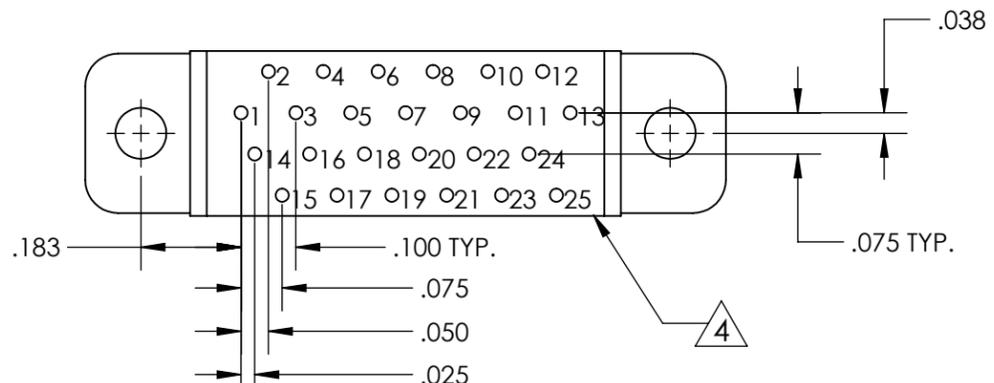
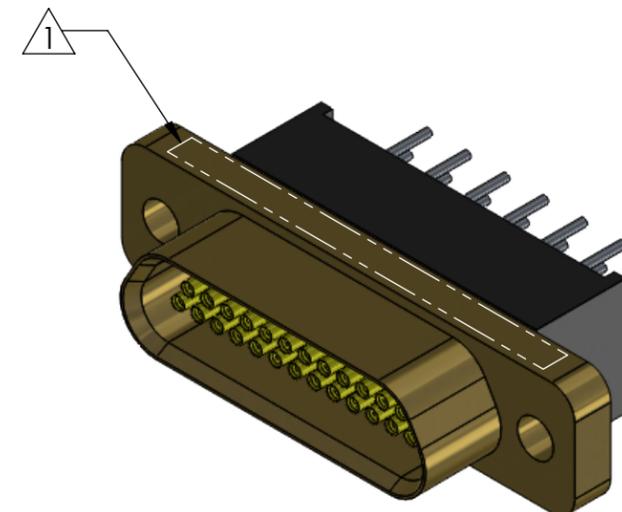


| REVISIONS | | | | | |
|-----------|------------|-----------|---------|-----------|---------|
| PART REV. | DWG. ISSUE | DATE | ECN NO. | APPVD. BY | REL. BY |
| - | - | 5/22/2020 | UMI7483 | JA | DW |



RECOMMENDED PCB LAYOUT



4 NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON PART

3. PERFORMANCE SPECIFICATIONS:
 CURRENT RATING: 3A MAX.
 INSULATION RESISTANCE: 5000 MΩ MIN.
 DWV: 600 VAC
 TEMPERATURE RATING: -55°C TO 125°C
 CONTACT RESISTANCE: 8 mΩ MAX. AT 2.5 AMPS

- 2 MATERIALS:
 SHELL: 6061-T6 ALUMINUM PER AMS-QQ-A200/8,
 CADMIUM PLATED PER SAE-AMS-QQ-P-416
 INSULATOR: PPS PER MIL-M-24519 GST-40F, COLOR: BLACK
 SOCKET CONTACTS: C21000 COPPER ALLOY PER ASTM B36,
 GOLD PLATED PER ASTM B488.
 24 AWG LEADS: TIN PLATED COPPER ALLOY PER A-A-59551 TYPE S
 INTERFACIAL SEAL: FLUOROSILICONE PER MIL-R-25988

1 MARKING: "UMI", UMI PART NO., DATE CODE, UMI WORK ORDER NO.
 (MARKING LOCATION IS FOR REFERENCE ONLY AND MAY CHANGE)

NOTES: UNLESS OTHERWISE SPECIFIED

| | | | | | | |
|--|--|-------------------------------------|--|------------------------|----------------------------|-----------------------------|
| QUALITY SYMBOLS CRITICAL SPL/ MINOR SPL/ MAJOR KEY | UNLESS SPECIFIED: ALL DIMENSIONS IN INCHES GENERAL TOLERANCES: 3 PLACE ±.005 2 PLACE ±.01 ANGULAR ±2° | SCALE 4:1 | DWG SIZE B | THIRD ANGLE PROJECTION | REVISE ON CAD ONLY | |
| | ALL EXTERNAL SPECIFICATIONS REFERENCED ON THIS DRAWING SHALL BE THE LATEST REVISION IN EFFECT Ulti-Mate CAGE CODE 58967 | DRAWN BY & DATE JA 5/22/2020 | TITLE MICRO-D CIRCUIT CONNECTOR, RECEPTACLE, STYLE 16, SIZE 25 CM16R25S0 | | MATERIAL 2 | ENG PROJECT # |
| | | CHECKED BY & DATE SEE ECN | APPROVED BY & DATE SEE ECN | | PART NO. 836240710 | DRAWING NO. SD-836240710 |
| | | CAD FILENAME SD-836240710.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. - |
| | | | | | Ulti-Mate Connector Inc. | |