



# MATERIALS

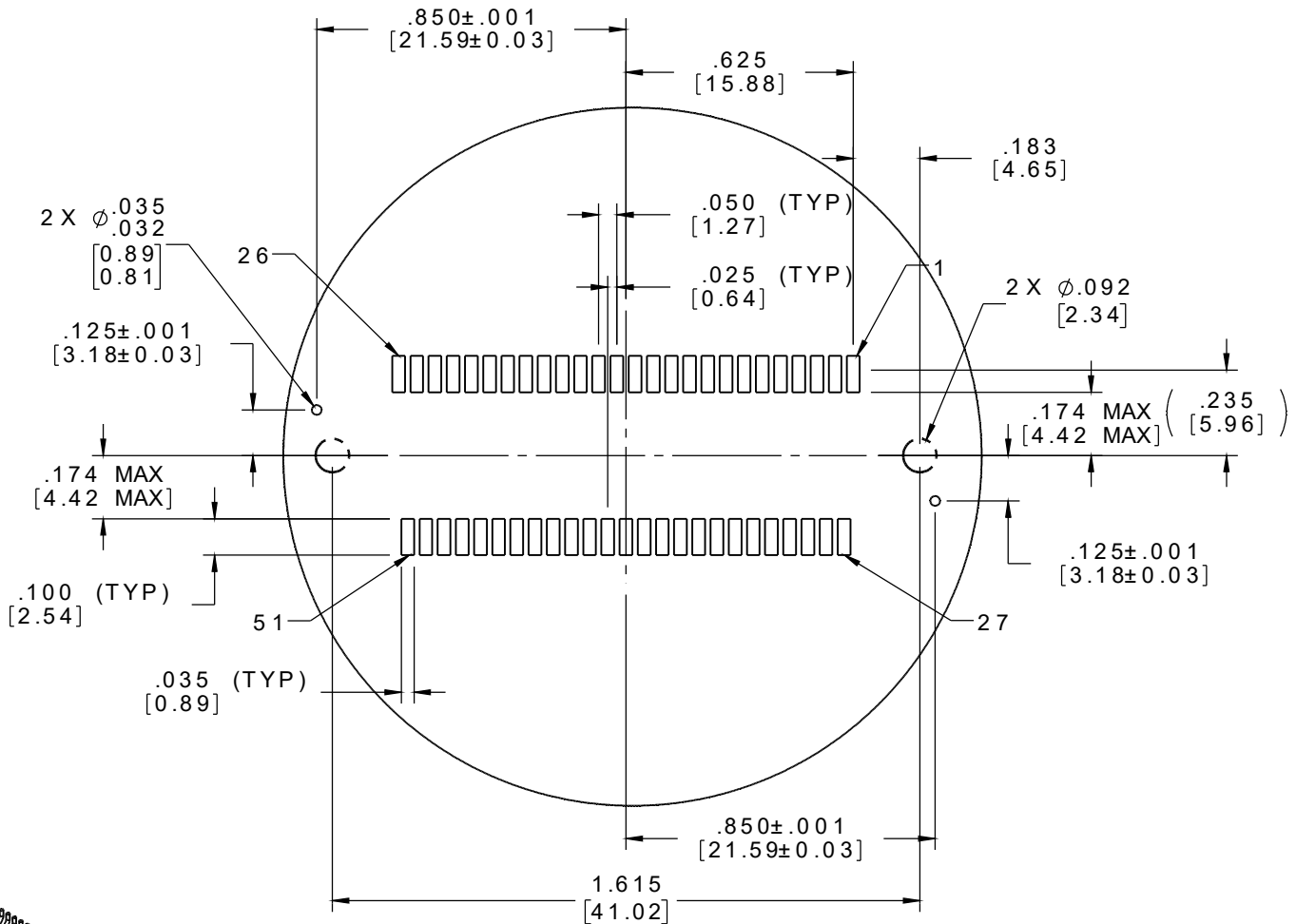
**HOUSING:**  
ALUMINUM 6061, NICKEL PLATE  
(500 MICROINCHES MINIMUM)  
PER SAE-AMS-2404

**INSULATOR:**  
LIQUID CRYSTAL POLYMER (LCP)  
PER ASTM D5138

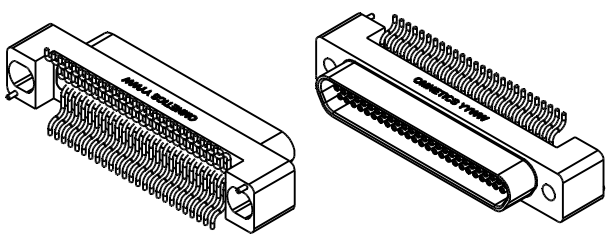
**CONTACT:**  
COPPER ALLOY PER MIL-DTL-  
83513, GOLD PLATED PER  
ASTM B488, (HARD GOLD) TYPE  
II CODE C CLASS 1.27

**TERMINATION:**  
SOLDER COATED WITH SN63A  
PER J-STD-006 OR AMS-P-  
81728

**INTERFACIAL SEAL:**  
SILICONE RUBBER PER A-A-  
59588



SUGGESTED BOARD LAYOUT



ACTUAL SIZE

NOTE:  
DIMENSIONS IN [ ] ARE IN  
MILLIMETERS UNLESS  
OTHERWISE NOTED AND ARE  
FOR REFERENCE ONLY

|                            |                                                                   |                                                                                                                                                                                                                                                                    |                                                                                                                    |            |                 |
|----------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------|-----------------|
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|                            | -TOLERANCES-<br>UNLESS OTHERWISE NOTED                            |                                                                                                                                                                                                                                                                    |                                                                                                                    | A99002-512 |                 |
|                            | DIMENSIONS IN INCHES                                              |                                                                                                                                                                                                                                                                    |                                                                                                                    |            |                 |
|                            | 2 PL DEC± .01<br>3 PL DEC± .005<br>4 PL DEC± .0005<br>ANGLES ± 1° |                                                                                                                                                                                                                                                                    |                                                                                                                    |            |                 |
| TITLE:                     |                                                                   | (51) SOCKET FEMALE<br>VERTICAL SURFACE<br>MOUNT MICRO-D                                                                                                                                                                                                            | SHEET 2 OF 2                                                                                                       |            |                 |
| DFTM. TLM<br>DATE 11-29-11 |                                                                   |                                                                                                                                                                                                                                                                    | SCALE: 2:1 REV C                                                                                                   |            |                 |