

# MATERIALS & SPECIFICATIONS

## HOUSING:

ALUMINUM 6061-T6, NICKEL  
PLATE PER AMS-C-26074

## INSULATOR:

LIQUID CRYSTAL POLYMER (LCP)  
PER ASTM D5138

## CONTACT:

BERYLLIUM COPPER PER ASTM  
B194, C17200, 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

## CURRENT RATING:

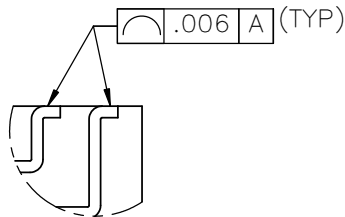
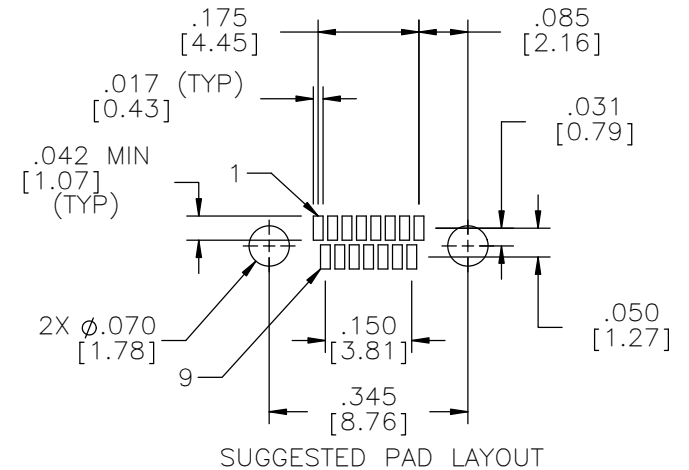
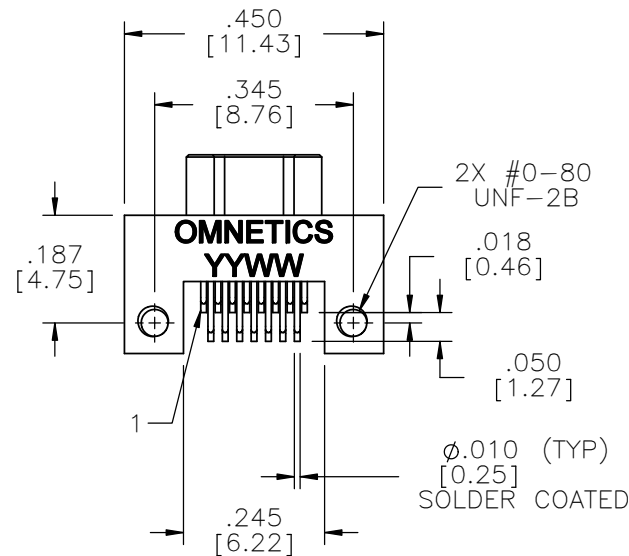
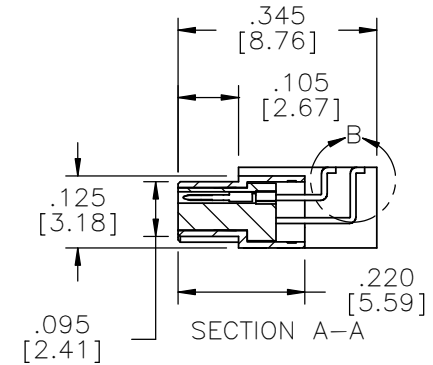
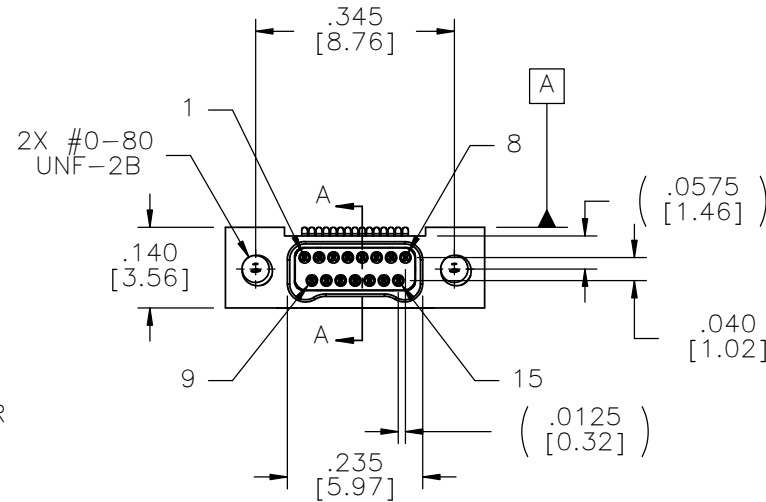
1 AMP MAX PER MIL-DTL-32139

## CONTACT RESISTANCE:

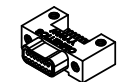
71 MILLIOHM MAX (71mV DROP  
MAX) @ 1.0 AMPS PER MIL-  
DTL-32139

## PERFORMANCE:

PRODUCT FAMILY TESTED TO AND  
PASSED THE PERFORMANCE  
SPECIFICATIONS OF TABLE VIII OF  
MIL-DTL-32139



DETAIL B  
SCALE 6 : 1



ACTUAL SIZE

| MIL-STD-883C | THIRD ANGLE            |         |
|--------------|------------------------|---------|
|              | -TOLERANCES-           |         |
|              | UNLESS OTHERWISE NOTED |         |
|              | DIMENSIONS IN INCHES   |         |
| 2            | PL DEC                 | ± .01   |
| 3            | PL DEC                 | ± .005  |
| 4            | PL DEC                 | ± .0005 |
|              | ANGLES                 | ± 1°    |

|                                                                                                                                                                                                                                                                           |               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
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| DFTM. AAS                                                                                                                                                                                                                                                                 | DATE 05-05-04 |
| CHK'D.                                                                                                                                                                                                                                                                    | DATE          |
| APP'D.                                                                                                                                                                                                                                                                    | DATE          |

TITLE:  
(15) PIN MALE  
Bi-Lobe® CONNECTOR

**OMNETICS**  
CONNECTOR CORPORATION  
7260 COMMERCE CIRCLE EAST  
MINNEAPOLIS, MN 55432  
WWW.OMNETICS.COM

|                    |       |
|--------------------|-------|
| CAGE CODE 61873    |       |
| DWG NO. A28100-015 |       |
| SHEET 1 OF 1       | REV G |
| SCALE: 3:1         |       |

|          |            |     |       |          |     |
|----------|------------|-----|-------|----------|-----|
| PART NO. | A28100-015 | REV | ECO   | DATE     | APP |
|          |            | G   | 96463 | 01-30-10 | TLM |