

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: COATED WITH SN63A PER J-STD-006

HARDWARE: 303 STAINLESS STEEL PER ASTM 582

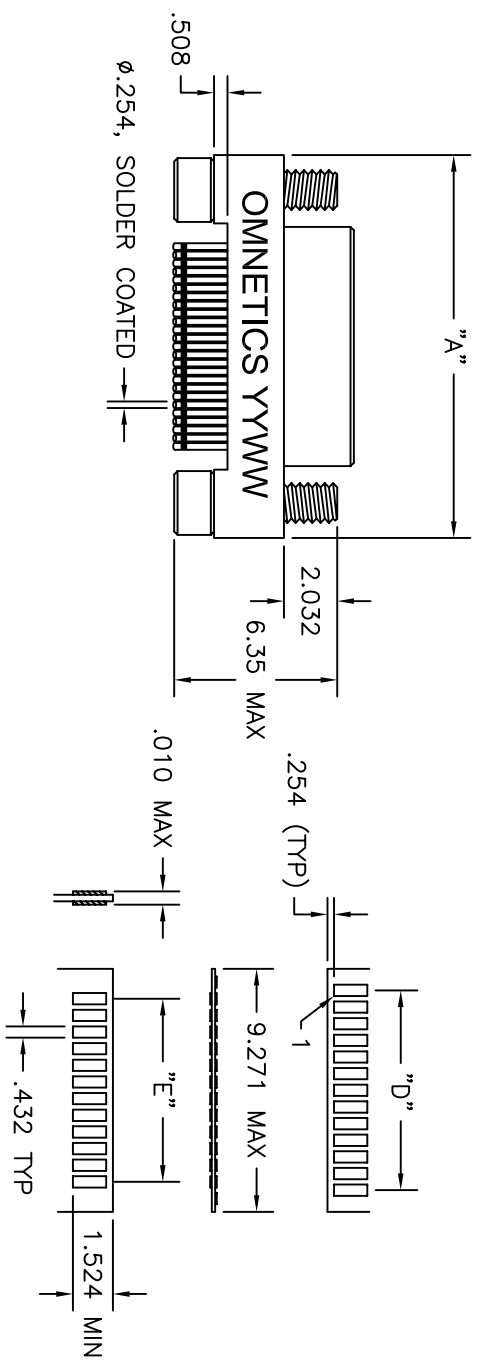
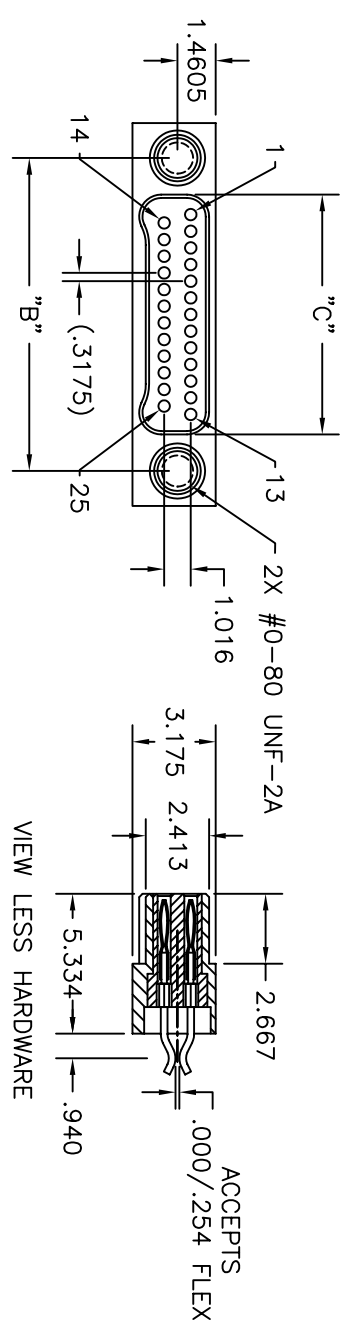
CURRENT RATING 1 AMP MAX PER MIL-DTL-32139

CONTACT RESISTANCE 25 MILLIOHM MAX

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

METRIC

| PART NO. | CONTACTS | "A" | "B" | "C" | "D" | "E" |
|------------|----------|--------|--------|--------|--------|--------|
| A28300-009 | 9 | 9.525 | 6.858 | 4.064 | 2.540 | 1.905 |
| A28300-015 | 15 | 11.430 | 8.763 | 5.969 | 4.445 | 3.810 |
| A28300-021 | 21 | 13.335 | 10.668 | 7.874 | 6.350 | 5.715 |
| A28300-025 | 25 | 14.605 | 11.938 | 9.144 | 7.620 | 6.985 |
| A28300-031 | 31 | 16.510 | 13.843 | 11.049 | 9.525 | 8.890 |
| A28300-037 | 37 | 18.415 | 15.748 | 12.954 | 11.430 | 10.795 |
| A28300-051 | 51 | 22.860 | 20.193 | 17.399 | 15.875 | 15.240 |
| A28300-065 | 65 | 27.305 | 24.638 | 21.844 | 20.320 | 19.685 |



SUGGESTED PAD LAYOUT

(SHOWN)

| | | | | |
|---|----------------|--|------|---------------------------|
| -TOLERANCES- UNLESS OTHERWISE NOTED DIMENSIONS IN MILLIMETERS | | OMNETICS CONNECTOR CORPORATION | | CAGE CODE 61873 |
| 2 PL DEC ± .25 | DFTM. PER DATE | DATE | DATE | DWG NO. A28300-0XX |
| 3 PL DEC ± .127 | CHK'D. DATE | DATE | DATE | SHEET OF 1 |
| 4 PL DEC ± | APP'D. DATE | DATE | DATE | SCALE: 5:1 |
| MNP | | TITLE: (XX) PIN MALE OFFSET DUAL ROW NANO W/METAL HOUSING | | REV D |

| PART NO. | REV | ECO | DATE | APP |
|----------|-----|-------|----------|-----|
| | D | 94450 | 05-14-07 | TLM |