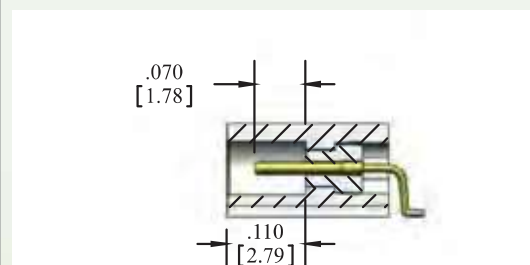
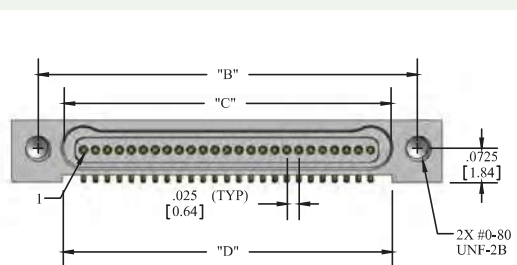
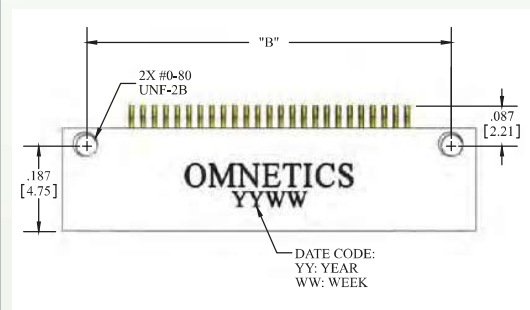
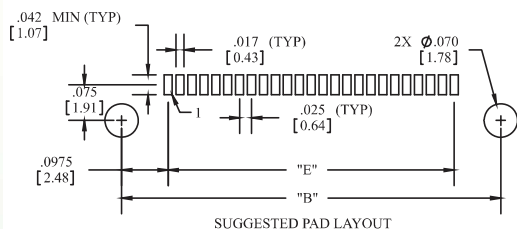


# Horizontal SMT Type AA

# Bi-Lobe®

## ■ Single Row Horizontal SMT (TYPE AA)



## ■ English (IN)

| CONTACTS | "A"   | "B"   | "C"   | "D"   | "E"   |
|----------|-------|-------|-------|-------|-------|
| 5        | 0.400 | 0.295 | 0.185 | 0.190 | 0.100 |
| 9        | 0.500 | 0.395 | 0.285 | 0.290 | 0.200 |
| 15       | 0.650 | 0.545 | 0.435 | 0.440 | 0.350 |
| 21       | 0.800 | 0.695 | 0.585 | 0.590 | 0.500 |
| 25       | 0.900 | 0.795 | 0.685 | 0.690 | 0.600 |
| 31       | 1.050 | 0.945 | 0.835 | 0.840 | 0.750 |
| 37       | 1.200 | 1.095 | 0.985 | 0.990 | 0.900 |
| 51       | 1.550 | 1.445 | 1.335 | 1.340 | 1.250 |

## ■ Metric (mm)

| "A"   | "B"   | "C"   | "D"   | "E"   |
|-------|-------|-------|-------|-------|
| 10.16 | 7.49  | 4.70  | 4.83  | 2.54  |
| 12.70 | 10.03 | 7.24  | 7.37  | 5.08  |
| 16.51 | 13.84 | 11.05 | 11.18 | 8.89  |
| 20.32 | 17.65 | 14.86 | 14.99 | 12.70 |
| 22.86 | 20.19 | 17.40 | 17.53 | 15.24 |
| 26.67 | 24.00 | 21.21 | 21.34 | 19.05 |
| 30.48 | 27.81 | 25.02 | 25.15 | 22.86 |
| 39.37 | 36.70 | 33.91 | 34.04 | 31.75 |

### ■ Single Row Horizontal SMT (TYPE AA) Ordering Guide

| ■ Series                                 | ■ # of Contacts                                                                                      | ■ Termination Type                                                                                                            | ■ Shell Material and Finish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ■ Options                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ■ <b>MBPS</b><br>Male<br>(Pin Connector) | <b>09</b><br><b>15</b><br><b>21</b><br><b>25</b><br><b>31</b><br><b>37</b><br><b>51</b><br><b>65</b> | <b>AA</b><br>Horizontal<br>Surface Mount<br> |  <b>N</b><br>Aluminum Shell,<br>Electroless Nickel Plated<br> <b>CD</b><br>Aluminum Shell,<br>Cadmium Plated<br> <b>B</b><br>Aluminum Shell,<br>Black Anodized<br> <b>S</b><br>Stainless Steel Shell,<br>Passivated<br> <b>T</b><br>Titanium Shell Unplated | <b>ETH</b><br>End Threaded<br>Hole, #0-80<br><br><b>M</b><br>Mounting Hole<br><br><b>HTE</b><br>High Temp.<br>Epoxy<br> |

#### Examples



MBPS-25-AA-N-ETH-M



MBSS-37-AA-N-ETH-M

**RH**  
RoHS  
COMPLIANT



### ■ Horizontal SMT Bi-Lobe® Mass Chart (estimated +/- 10%)

| ■ Pin Count | Male Aluminum | Male Titanium | Male Stainless Steel | Female Aluminum | Female Titanium | Female Stainless Steel |
|-------------|---------------|---------------|----------------------|-----------------|-----------------|------------------------|
| ■ 5         | .38 g         | .61 g         | 1.03 g               | .37 g           | .60 g           | 1.02 g                 |
| ■ 9         | .45 g         | .71 g         | 1.17 g               | .45 g           | .71 g           | 1.18 g                 |
| ■ 15        | .56 g         | .86 g         | 1.38 g               | .56 g           | .87 g           | 1.43 g                 |
| ■ 21        | .67 g         | 1.00 g        | 1.59 g               | .68 g           | 1.04 g          | 1.68 g                 |
| ■ 25        | .75 g         | 1.10 g        | 1.73 g               | .76 g           | 1.14 g          | 1.85 g                 |
| ■ 31        | .86 g         | 1.24 g        | 1.94 g               | .87 g           | 1.31 g          | 2.10 g                 |
| ■ 37        | .97 g         | 1.39 g        | 2.15 g               | .99 g           | 1.47 g          | 2.34 g                 |
| ■ 51        | 1.22 g        | 1.73 g        | 2.64 g               | 1.25 g          | 1.85 g          | 2.92 g                 |