

|          |            |     |       |          |     |
|----------|------------|-----|-------|----------|-----|
| PART NO. | A29036-151 | REV | ECO   | DATE     | APP |
|          |            | A   | 98851 | 09-05-12 | TLM |

Technical drawing of the OMNETICS YYWW connector. The drawing shows a side view of the component with dimensions in inches and millimeters.

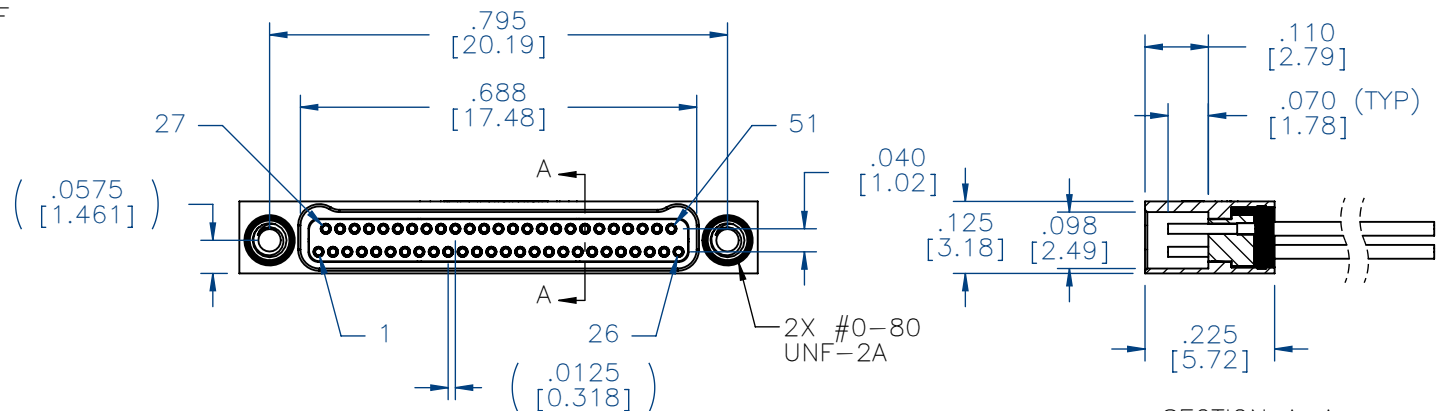
Dimensions:

- Overall height:  $36.00^{+.38}_{-.00}$  inches [ $914.4^{+9.7}_0$ ] mm
- Overall width:  $.900$  inches [ $22.86$ ] mm
- Bottom flange thickness:  $.375$  MAX inches [ $9.53$  MAX] mm
- Bottom flange width:  $.080$  inches [ $2.03$ ] mm

Part number: OMNETICS YYWW

| SOCKET #              | COLOR  |
|-----------------------|--------|
| 1, 11, 21, 31, 41, 51 | BLACK  |
| 2, 12, 22, 32, 42     | BROWN  |
| 3, 13, 23, 33, 43     | RED    |
| 4, 14, 24, 34, 44     | ORANGE |
| 5, 15, 25, 35, 45     | YELLOW |
| 6, 16, 26, 36, 46     | GREEN  |
| 7, 17, 27, 37, 47     | BLUE   |
| 8, 18, 28, 38, 48     | VIOLET |
| 9, 19, 29, 39, 49     | GRAY   |
| 10, 20, 30, 40, 50    | WHITE  |

SHEET 2 OF 2 IS A  
MFG LOADING DIAGRAM



|      |                        |         |                                                                                     |
|------|------------------------|---------|-------------------------------------------------------------------------------------|
| MNSO | THIRD ANGLE            |         |  |
|      | -TOLERANCES-           |         |                                                                                     |
|      | UNLESS OTHERWISE NOTED |         |                                                                                     |
|      | DIMENSIONS IN INCHES   |         |                                                                                     |
| SLDW | 2                      | PL DEC+ | .01                                                                                 |
|      | 3                      | PL DEC+ | .005                                                                                |
|      | 4                      | PL DEC+ | .0005                                                                               |
|      | ANGLES                 |         | + 1°                                                                                |

|           |
|-----------|
| DFTM. TLM |
| CHK'D.    |
| APP'D.    |

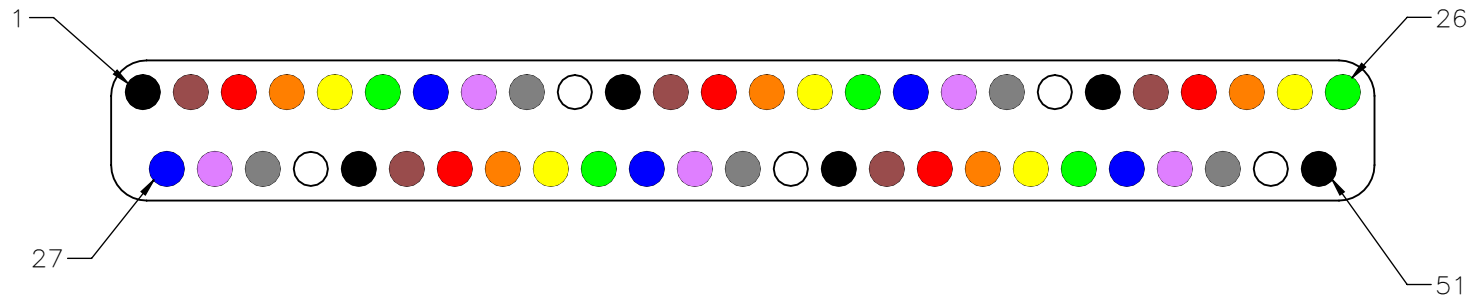
|      |          |
|------|----------|
| DATE | 08-22-12 |
| DATE |          |
| DATE |          |

TITLE: (51) SOCKET FEMALE  
Bi-Lobe® CONNECTOR

**OMNETICS**  
CONNECTOR CORPORATION  
7260 COMMERCE CIRCLE EAST  
MINNEAPOLIS, MN 55432  
[WWW.OMNETICS.COM](http://WWW.OMNETICS.COM)

|              |     |
|--------------|-----|
| SHEET 1 OF 2 | REV |
| SCALE: 3:1   | A   |

|          |            |     |       |          |     |
|----------|------------|-----|-------|----------|-----|
| PART NO. | A29036-151 | REV | ECO   | DATE     | APP |
|          |            | A   | 98851 | 09-05-12 | TLM |



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| 10, 20, 30, 40, 50    | WHITE  |

|              |                                                                                           |
|--------------|-------------------------------------------------------------------------------------------|
| MNSO<br>SLDW | THIRD ANGLE                                                                               |
|              | —TOLERANCES—<br>UNLESS OTHERWISE NOTED                                                    |
|              | DIMENSIONS IN INCHES                                                                      |
|              | 2 PL DEC $\pm .01$<br>3 PL DEC $\pm .005$<br>4 PL DEC $\pm .0005$<br>ANGLES $\pm 1^\circ$ |

|                                                                                                                                                                                                                                                                    |                  |                                                         |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------|--|
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| DFTM. TLM                                                                                                                                                                                                                                                          | DATE<br>08-22-12 | TITLE:<br>(51) SOCKET FEMALE<br>Bi-Lobe® CONNECTOR<br>- |  |
| CHK'D.                                                                                                                                                                                                                                                             | DATE             |                                                         |  |
| APP'D.                                                                                                                                                                                                                                                             | DATE             |                                                         |  |

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|                              |              |          |
|------------------------------|--------------|----------|
| CAGE CODE <b>61873</b>       | SHEET 2 OF 2 | REV<br>A |
| DWG NO.<br><b>A29036-151</b> |              |          |
| SCALE: 10:1                  |              |          |