



**Global EMI Shielding Technology Center**  
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[www.LeaderTechInc.com](http://www.LeaderTechInc.com)



EMI/RFI Board, Enclosure, Cable Shielding & Thermal Solutions

## Tech Vent EMI/RFI Vent Panels - For Distribution Only

Leader Tech's low cost EMI vent panels are the perfect solution to shield openings for heating and ventilation against electromagnetic interference. The Tech Vent EMI vent panels are constructed with aluminum honeycomb to maximize shielding effectiveness as well as airflow performance. These panels are manufactured with a rigid aluminum frame and pre-drilled to meet your mounting specifications. They utilize EMI gasketing as well as weather sealing material for grounding to an enclosure and providing environmental protection. The panels can also be plated in a variety of finishes to improve shielding, corrosion resistance, and galvanic compatibility.

| MATERIAL CODE | HONEYCOMB  | FRAME                                 | PLATING   | EMI GASKET                             |
|---------------|--|---------------------------------------|---|--|
| -94           | ALUMINUM 5052, 1/8 CELL,<br>4.5 DENSITY (0.001 THICK) PER AMS-C-7438 | 0.062" ALUMINUM 6063<br>PER ASTM B221 | CHROMATE FINISH<br>PER ASTM B449, CLASS 2, RoHS | Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE |
| -95           | ALUMINUM 5052, 1/8 CELL,<br>4.5 DENSITY (0.001 THICK) PER AMS-C-7438 | 0.062" ALUMINUM 6063<br>PER ASTM B221 | MATTE TIN<br>PER ASTM B545, CLASS B             | Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE |
| -95SN         | ALUMINUM 5052, 1/8 CELL,<br>4.5 DENSITY (0.001 THICK) PER AMS-C-7438 | 0.062" ALUMINUM 6063<br>PER ASTM B221 | BRIGHT TIN<br>PER ASTM B545, CLASS B            | Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE |
| -96           | ALUMINUM 5052, 1/8 CELL,<br>4.5 DENSITY (0.001 THICK) PER AMS-C-7438 | 0.062" ALUMINUM 6063<br>PER ASTM B221 | NICKEL<br>PER ASTM B689, CLASS 5                | Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE |



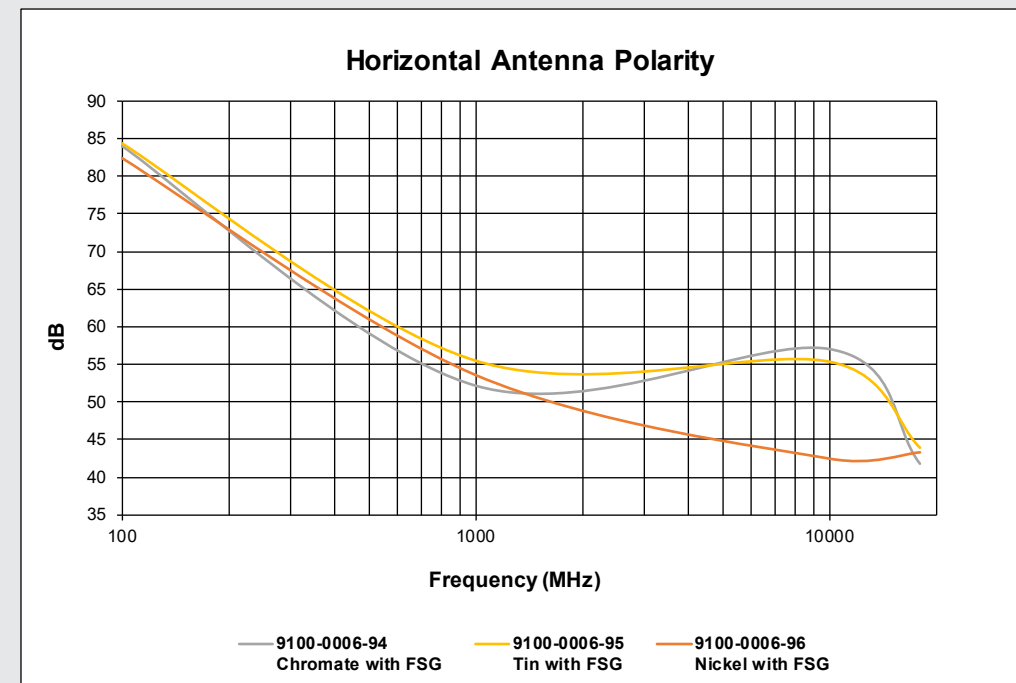
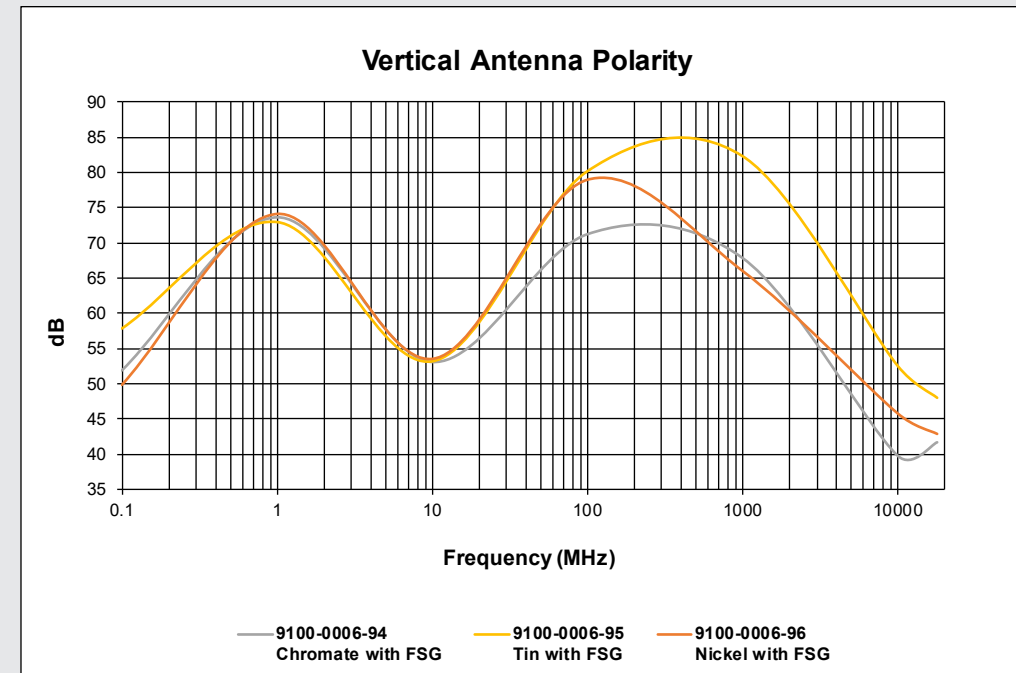
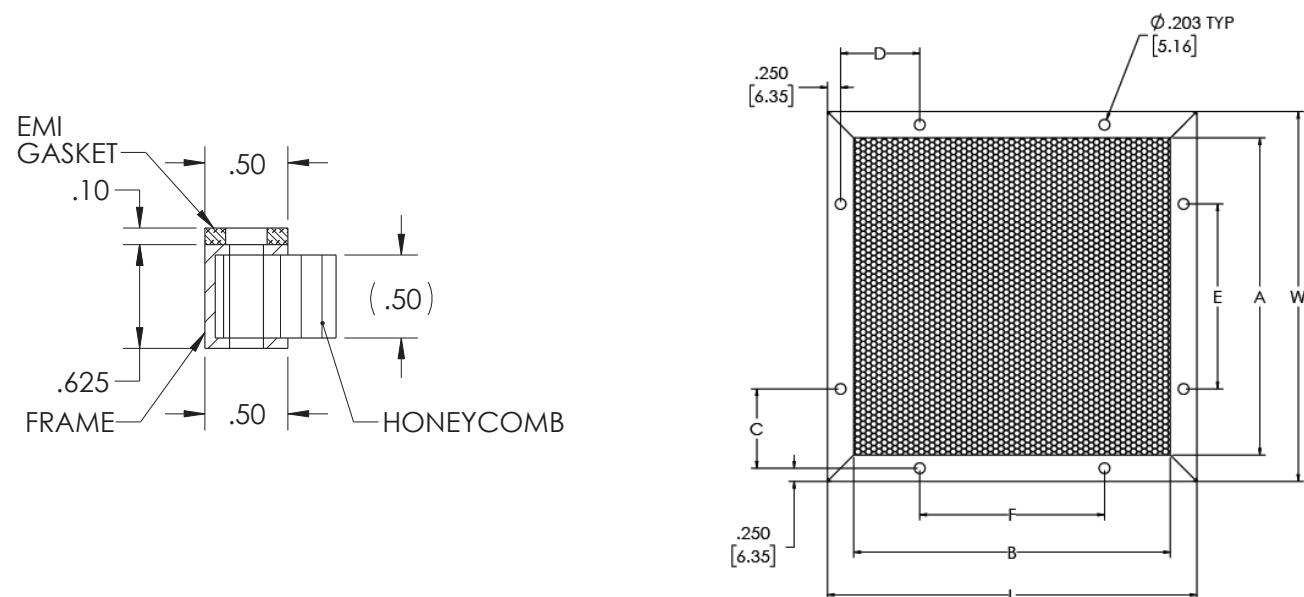
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## Tech Vent EMI/RFI Vent Panels

| 9100-XXXX-XX |       | Honeycomb Area |       |        |       | Hole Spacing |       |        |        |        |                          | No. of Fastening Holes |      |       |      |       |   |   |
|--------------|-------|----------------|-------|--------|-------|--------------|-------|--------|--------|--------|--------------------------|------------------------|------|-------|------|-------|---|---|
| Part Number  | W     | L              | A     | B      | C     | D            | E     | F      | W Side | L Side | Black = inches Blue = mm |                        |      |       |      |       |   |   |
| 9100-0001-XX | 3.00  | 76.20          | 3.00  | 76.20  | 2.00  | 50.80        | 2.00  | 50.80  | 1.25   | 31.75  | 1.25                     | 31.75                  | -    | -     | -    | -     | 1 | 1 |
| 9100-0002-XX | 4.00  | 101.60         | 4.00  | 101.60 | 3.00  | 76.20        | 3.00  | 76.20  | 1.75   | 44.45  | 1.75                     | 44.45                  | -    | -     | -    | -     | 1 | 1 |
| 9100-0003-XX | 4.00  | 101.60         | 12.00 | 304.80 | 3.00  | 76.20        | 11.00 | 279.40 | 1.75   | 44.45  | 1.25                     | 31.75                  | -    | -     | 3.00 | 76.20 | 1 | 4 |
| 9100-0004-XX | 5.00  | 127.00         | 5.00  | 127.00 | 4.00  | 101.60       | 4.00  | 101.60 | 2.25   | 57.15  | 0.75                     | 19.05                  | -    | -     | 3.00 | 76.20 | 1 | 2 |
| 9100-0005-XX | 5.00  | 127.00         | 7.00  | 177.80 | 4.00  | 101.60       | 6.00  | 152.40 | 2.25   | 57.15  | 1.50                     | 38.10                  | -    | -     | 3.50 | 88.90 | 1 | 2 |
| 9100-0006-XX | 6.00  | 152.40         | 6.00  | 152.40 | 5.00  | 127.00       | 5.00  | 127.00 | 1.00   | 25.40  | 1.00                     | 25.40                  | 3.50 | 88.90 | 3.50 | 88.90 | 2 | 2 |
| 9100-0007-XX | 6.00  | 152.40         | 18.00 | 457.20 | 5.00  | 127.00       | 17.00 | 431.80 | 1.00   | 25.40  | 1.25                     | 31.75                  | 3.50 | 88.90 | 3.75 | 95.25 | 2 | 5 |
| 9100-0008-XX | 7.00  | 177.80         | 7.00  | 177.80 | 6.00  | 152.40       | 6.00  | 152.40 | 1.50   | 38.10  | 1.50                     | 38.10                  | 3.50 | 88.90 | 3.50 | 88.90 | 2 | 2 |
| 9100-0009-XX | 7.00  | 177.80         | 14.00 | 355.60 | 6.00  | 152.40       | 13.00 | 330.20 | 1.50   | 38.10  | 1.50                     | 38.10                  | 3.50 | 88.90 | 3.50 | 88.90 | 2 | 4 |
| 9100-0010-XX | 8.00  | 203.20         | 8.00  | 203.20 | 7.00  | 177.80       | 7.00  | 177.80 | 2.00   | 50.80  | 0.75                     | 19.05                  | 3.50 | 88.90 | 3.00 | 76.20 | 2 | 3 |
| 9100-0011-XX | 8.00  | 203.20         | 16.00 | 406.40 | 7.00  | 177.80       | 15.00 | 381.00 | 0.75   | 19.05  | 1.25                     | 31.75                  | 3.00 | 76.20 | 3.25 | 82.55 | 3 | 5 |
| 9100-0012-XX | 10.00 | 254.00         | 10.00 | 254.00 | 9.00  | 228.60       | 9.00  | 228.60 | 1.25   | 31.75  | 1.25                     | 31.75                  | 3.50 | 88.90 | 3.50 | 88.90 | 3 | 3 |
| 9100-0013-XX | 10.00 | 254.00         | 18.00 | 457.20 | 9.00  | 228.60       | 17.00 | 431.80 | 1.25   | 31.75  | 1.25                     | 31.75                  | 3.50 | 88.90 | 3.75 | 95.25 | 3 | 5 |
| 9100-0014-XX | 12.00 | 304.80         | 12.00 | 304.80 | 11.00 | 279.40       | 11.00 | 279.40 | 1.25   | 31.75  | 1.25                     | 31.75                  | 3.00 | 76.20 | 3.00 | 76.20 | 4 | 4 |
| 9100-0015-XX | 12.00 | 304.80         | 24.00 | 609.60 | 11.00 | 279.40       | 23.00 | 584.20 | 1.25   | 31.75  | 1.25                     | 31.75                  | 3.00 | 76.20 | 3.50 | 88.90 | 4 | 7 |

**Part Number Example  
for part : 9100-0001-94**



### Applications

- Fans
- Server Racks
- Ventilation openings
- MRI Room Shielding
- Military applications
- Telecommunications Hardware equipment

### Material Characteristics

- Frames are made from aluminum extrusion
- Honeycomb is made from aluminum
- Low cost EMI Gaskets made with Fabric Shielding Gasket

### Performance

- See attached test data

### Availability

Custom sizes are available. Contact Leader Tech Engineering to discuss custom sizes. Visit our website to view our distribution partners.



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ISO 9001: 2015 CERTIFIED RoHS COMPLIANT