

Global EMI Shielding Technology Center
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www.LeaderTechInc.com



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

LT Product Profile

00438



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 electro-magnetic 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, 1/4 CELL, 6.0 DENSITY (0.003 THICK) PER AMS-C-7438	0.062" ALUMINUM 5052 PER ASTM B209	CHROMATE FINISH PER ASTM B449, CLASS 2	Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE
-95	ALUMINUM 5052, 1/4 CELL, 6.0 DENSITY (0.003 THICK) PER AMS-C-7438	0.062" ALUMINUM 5052 PER ASTM B209	MATTE TIN PER ASTM B545, CLASS B	Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE
-96	ALUMINUM 5052, 1/4 CELL, 6.0 DENSITY (0.003 THICK) PER AMS-C-7438	0.062" ALUMINUM 5052 PER ASTM B209	NICKEL PER ASTM B689, CLASS 5	Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE



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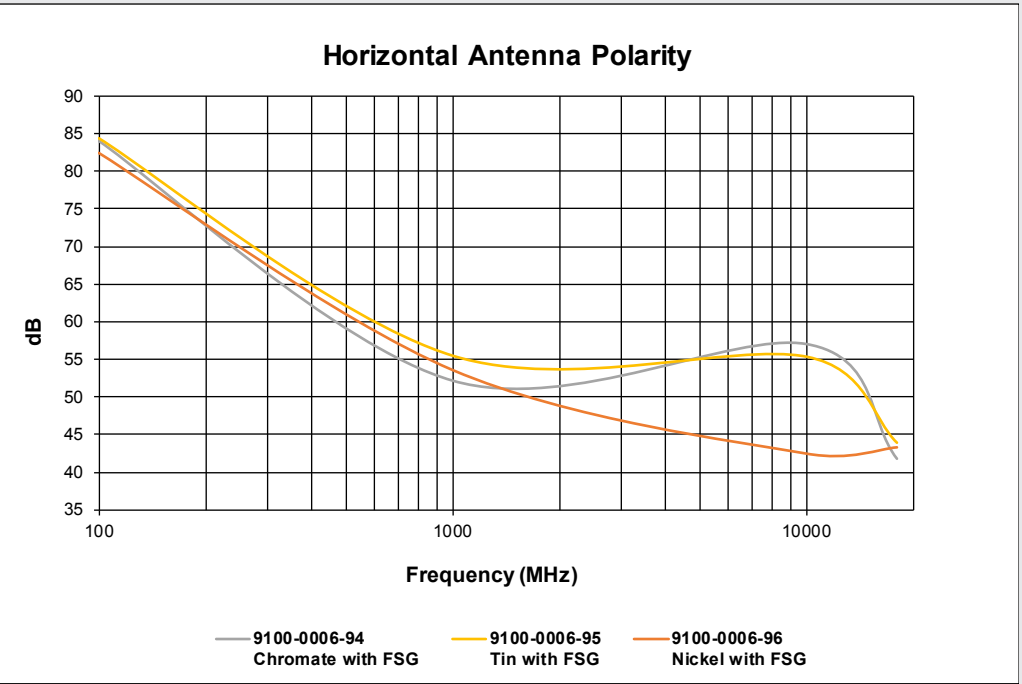
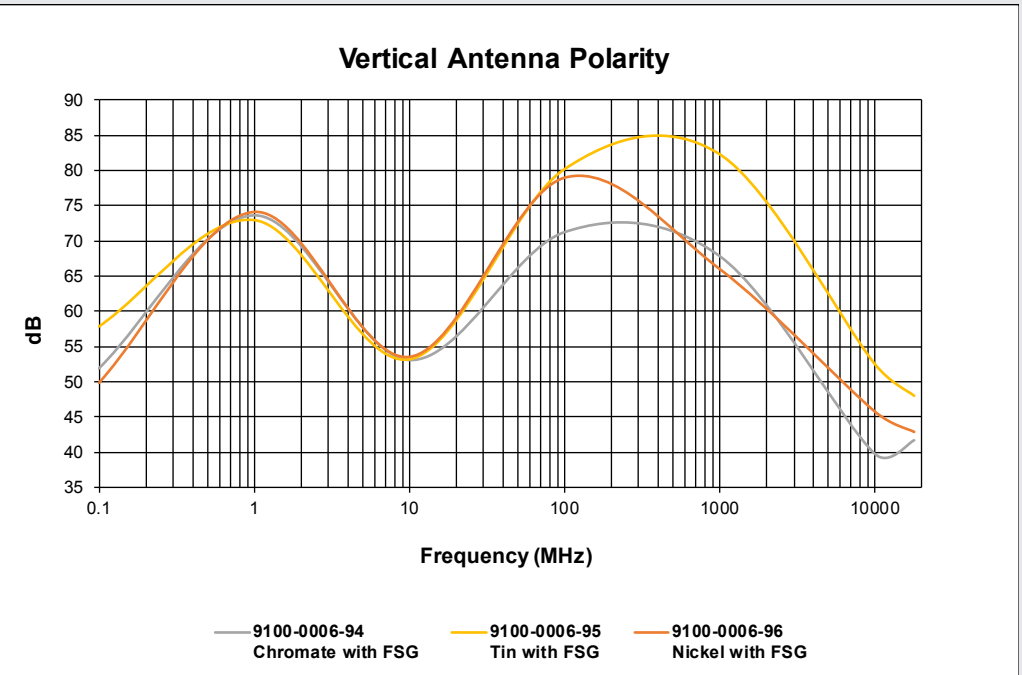
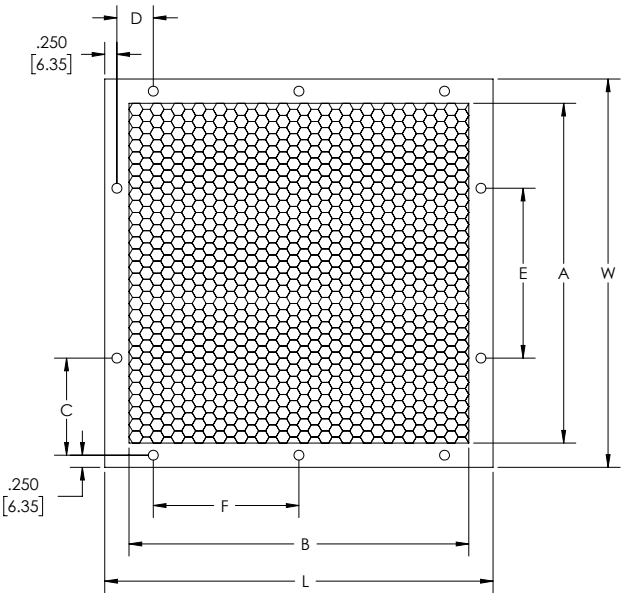
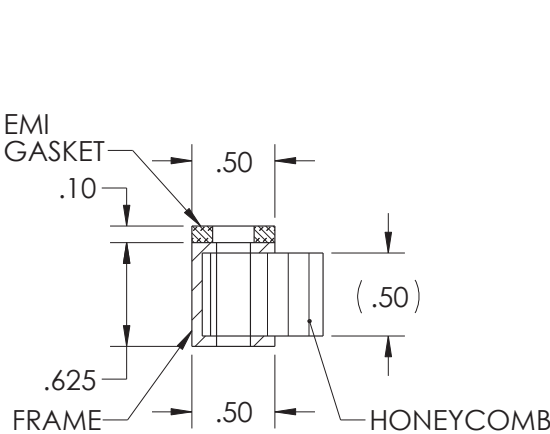
STATEMENT OF LIEU OF WARRANTY: All technical information and data in this document is based on tests and is believed to be accurate and reliable. Nevertheless, since the products described herein are not provided to conform with mutually accepted specifications and the use thereof is unknown, the manufacturer and seller of the products do not guarantee results, freedom from patent infringement, or suitability of the products for any application thereof. The manufacturer and seller of the products described in this document will provide all possible technical assistance and will replace any products proven defective. No statement or recommendations made by the manufacturer or seller not contained herein shall have any force of effect unless in conformity with an agreement signed by an officer of the seller and manufacturer. Product testing by the purchaser is recommended in order to confirm expected results.

Tech Vent EMI/RFI Vent Panels

9100-XXXX-XX					Honeycomb Area				Hole Spacing								No. of Fastening Holes	
Black = inches Blue = mm																		
Part Number	W		L		A		B		C		D		E		F		W Side	L Side
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

9100 - 0001 - 94
Series (9100) Length and Width (3x3) Material Code (Chromate Finish)



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