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The Leading Edge In EMI/RFI Shielding Technology



9700Tech Vent EMI/RFI Vent Panels

The 9700 Series are EMI Vent Panels specifically designed computer and processor fan ventilation while providing EMI shielding. The circular opening is shaped to coincide with the fan size that it is being applied to. The aluminum honeycomb inside the vent panel provides excellent airflow performance and maximum shielding effectiveness. The 9700 series panels are composed of aluminum (both frame and honeycomb) and is attached with EMI sealing gaskets. We offer combo EMI weather sealing gasket for harsh conditions and Fabric over Foam EMI sealing gasket for normal or office conditions.

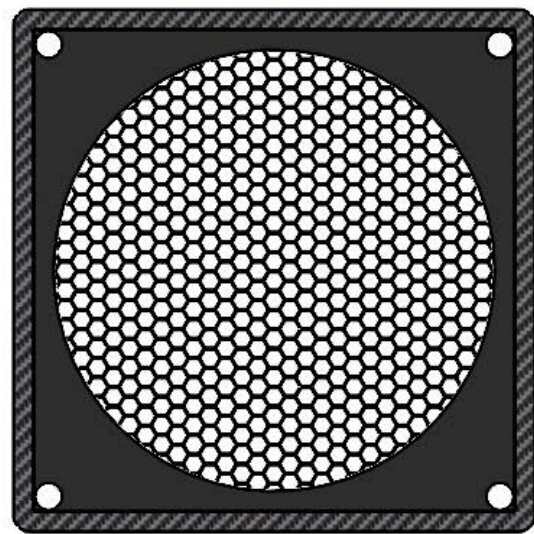
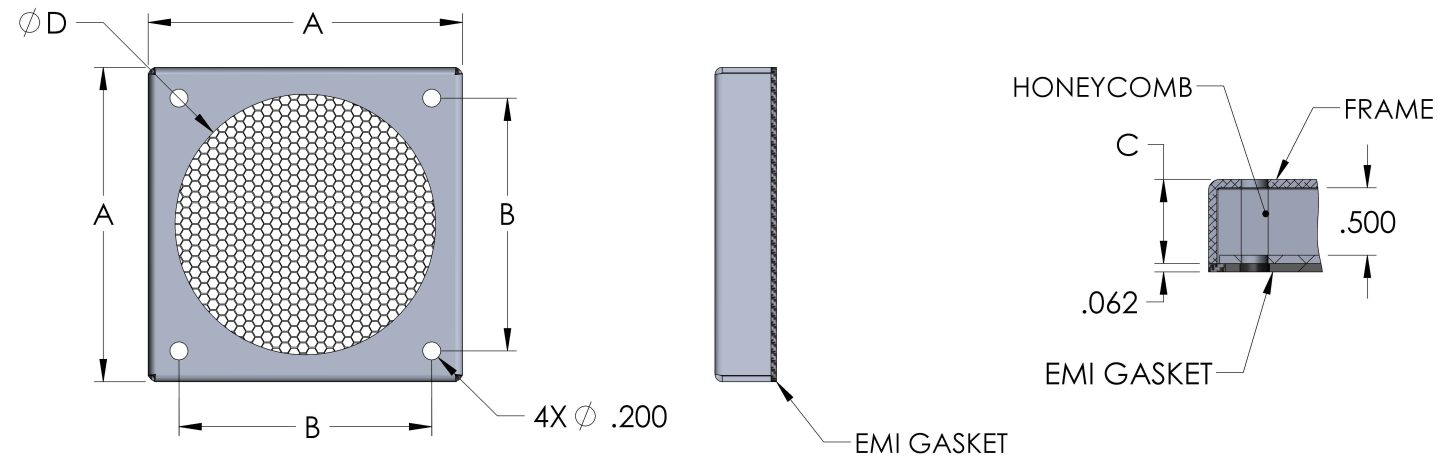
The 9700 series can come with different types of plating that will maximize the EMI shielding further, along with providing corrosion resistance and galvanic compatibility.

MATERIAL CODE	HONEYCOMB	FRAME	PLATING	EMI GASKET
91	ALUMINUM 5052, 1/8 CELL, 4.5 DENSITY (0.001 THICK) PER AMS-C-7438	0.063" ALUMINUM 5052 PER ASTM B209	CHROMATE FINISH	MONEL MESH PER QQ-N-281 BONDED TO NEOPRENE SPONGE PER ASTM D6576, TYPE II, GRADE A, MED
92	ALUMINUM 5052, 1/8 CELL, 4.5 DENSITY (0.001 THICK) PER AMS-C-7438	0.063" ALUMINUM 5052 PER ASTM B209	MATTE TIN	TIN PLATED COPPER CLAD STEEL PER ASTM B520 BONDED TO NEOPRENE SPONGE PER ASTM D6576, TYPE II, GRADE A, MED
92SN	ALUMINUM 5052, 1/8 CELL, 4.5 DENSITY (0.001 THICK) PER AMS-C-7438	0.063" ALUMINUM 5052 PER ASTM B209	BRIGHT TIN	TIN PLATED COPPER CLAD STEEL PER ASTM B520 BONDED TO NEOPRENE SPONGE PER ASTM D6576, TYPE II, GRADE A, MED
93	ALUMINUM 5052, 1/8 CELL, 4.5 DENSITY (0.001 THICK) PER AMS-C-7438	0.063" ALUMINUM 5052 PER ASTM B209	ELECTROLESS NICKEL	MONEL MESH PER QQ-N-281 BONDED TO NEOPRENE SPONGE PER ASTM D6576, TYPE II, GRADE A, MED
94	ALUMINUM 5052, 1/8 CELL, 4.5 DENSITY (0.001 THICK) PER AMS-C-7438	0.063" ALUMINUM 5052 PER ASTM B209	CHROMATE FINISH	Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE
95	ALUMINUM 5052, 1/8 CELL, 4.5 DENSITY (0.001 THICK) PER AMS-C-7438	0.063" ALUMINUM 5052 PER ASTM B209	MATTE TIN	Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE
95SN	ALUMINUM 5052, 1/8 CELL, 4.5 DENSITY (0.001 THICK) PER AMS-C-7438	0.063" ALUMINUM 5052 PER ASTM B209	BRIGHT TIN	Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE
96	ALUMINUM 5052, 1/8 CELL, 4.5 DENSITY (0.001 THICK) PER AMS-C-7438	0.063" ALUMINUM 5052 PER ASTM B209	ELECTROLESS NICKEL	Cu/Ni RIPSTOP FABRIC OVER PU FOAM CORE

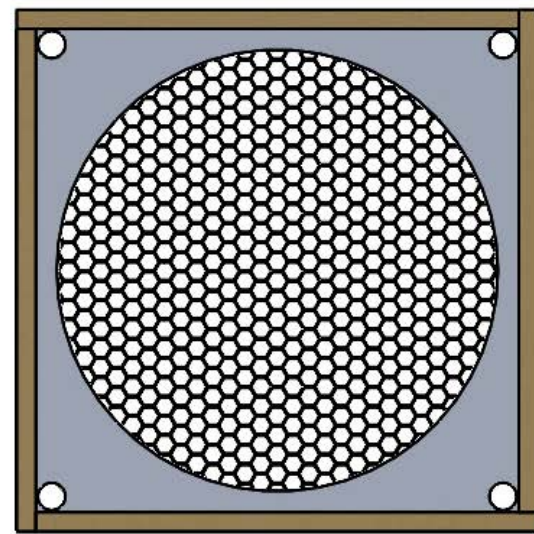
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Tech Vent EMI/RFI Vent Panels

Compatible Fan Size (mm)	Leader Tech Part Number	A (in)	B (in)	C (in)	D (in)
25	9700-0025-XX	1.25	0.800	0.625	0.90
80	9700-0080-XX	3.50	2.814	0.625	2.90
92	9700-0092-XX	4.00	3.250	0.625	3.40
120	9700-0120-XX	4.82	4.130	0.625	4.20



NEOPRENE SPONGE
WITH WIRE MESH

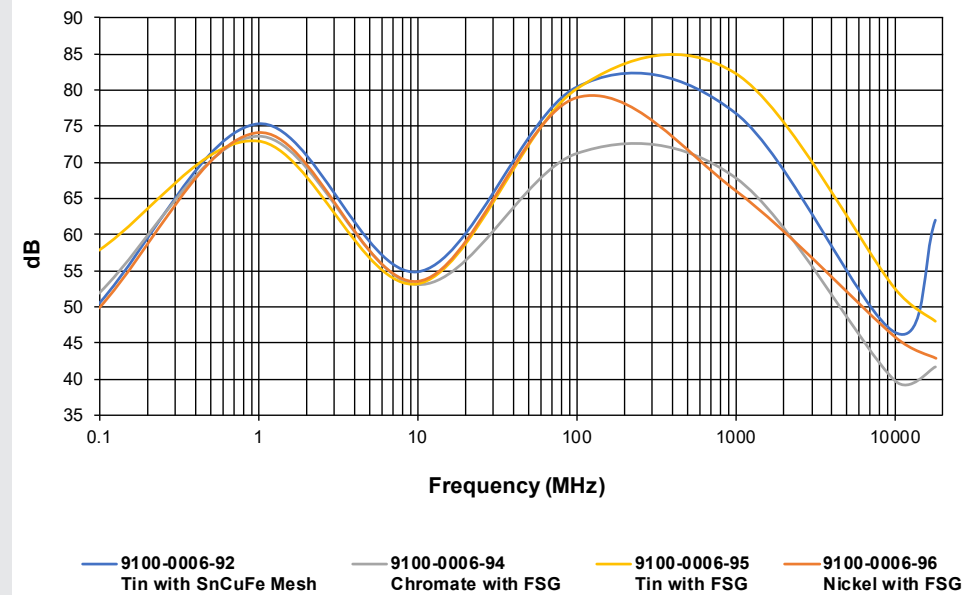


Cu/Ni RIPSTOP FABRIC OVER
POLYURETHANE FOAM CORE

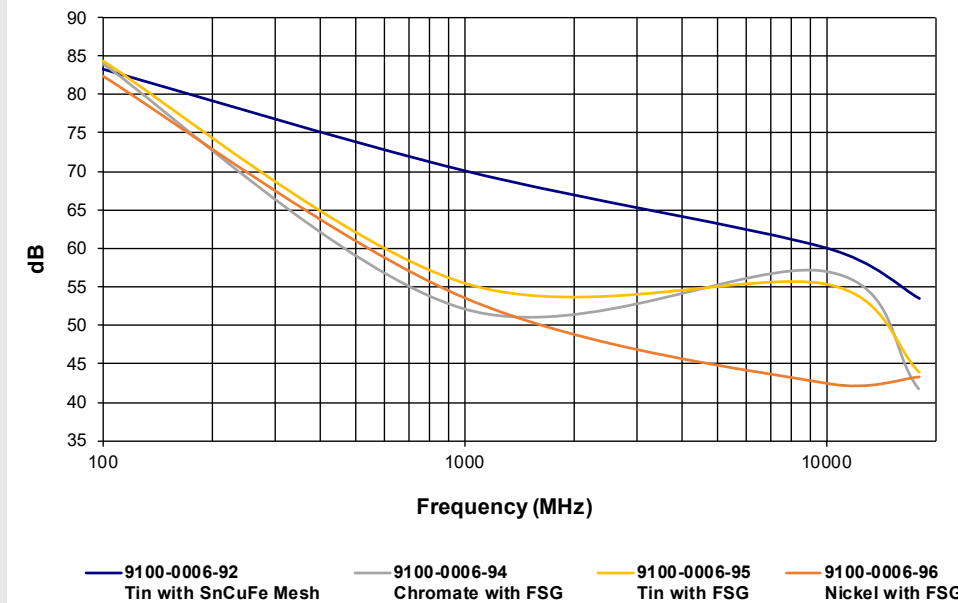
Part Number Example for
part 9700-0025-91

= 9700 - 0025 - 91
Series (9700) Length and Width (25mm) Material Code (Chromate Finish)

Vertical Antenna Polarity*



Horizontal Antenna Polarity*



*Graph is in reference to the 9100 Series

Applications

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

Material Characteristics

- Frames are made from aluminum
- Honeycomb is made from aluminum
- Low cost EMI Gaskets made with Fabric Shielding Gasket
- Environmental gaskets made from Neoprene sponge

Performance

- See included test data

Availability

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



www.LeaderTechInc.com

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