



EMI Shielding Honeycomb Vent Panels

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1. Product Description

EMI Shielding Honeycomb Vent Panels are designed as a high-performance, cost-effective solution to address both EMI shielding and airflow challenges in telecommunication applications, such as base stations and network cabinets. These panels are specifically engineered for network equipment that requires compliance with NEBS and Bellcore GR-63-CORE standards, ensuring both effective electromagnetic interference suppression and optimal ventilation.

2. Typical Applications

- Base station
- Network cabinets
- Shielded room
- Shielded cabinets

3. Product Features

- High EMI shielding over 90dB with low cost

- Wide Choice of materials and surface treatment.
- Standard mounting gaskets are Monel wire mesh and neoprene sponge environmental gaskets
- Round panel and protective grille are available
- Intumescent coating is available to meet NEBS and Bellcore GR-63-Core standard.
- Drip-Proof design to against driving rain in outdoor.

4. Technical Data

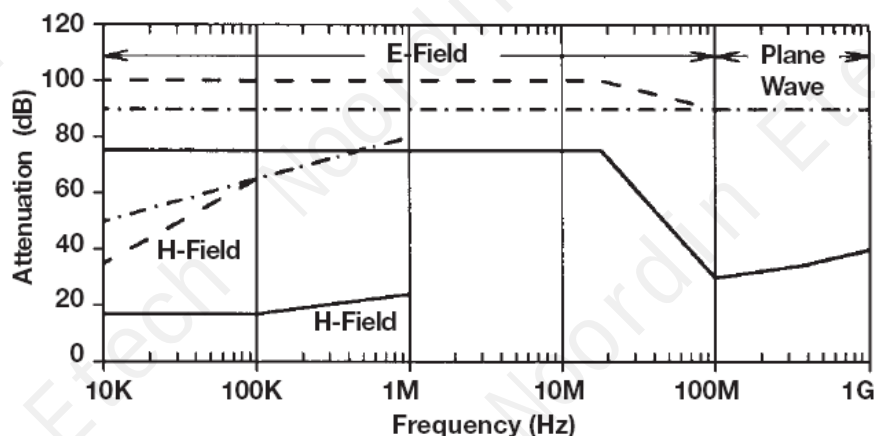
Surface treatment:

- Standard plating is clear chromium coating per Mil-C-5541 class 3 (RoHS compliance)
- Yellow chromium coating per Mil-C-5541 class 3
- (Not be suggested, based on RoHS Problem)
- Tin plating per ASTM-B545 type C.
- Nickel plated
- Flame resistant paint, always used in Network equipment where need pass NEBS or Bellcore GR-63-CORE

Material and Standard:

Frame Material	Honeycomb Material
Aluminum Alloy	Aluminum Alloy
6063- T4	5052/ 3003
Standard: QQ-A-200/9	Standard: Mil-C-7438

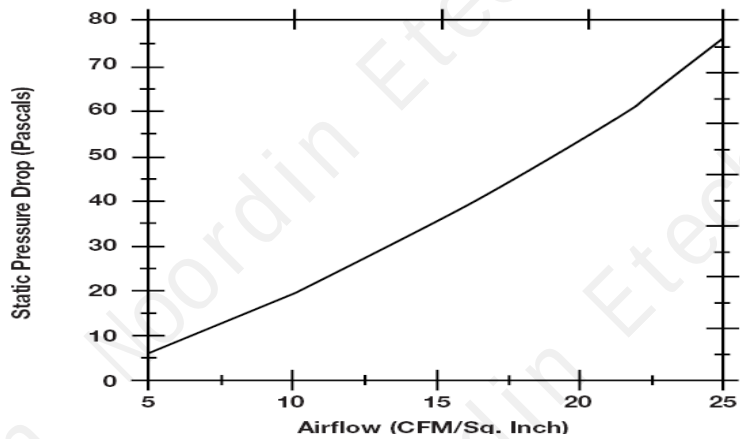
Shielding Performance



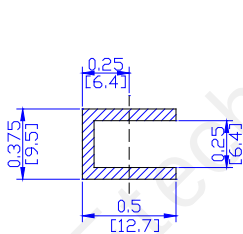
Air Flow:

The honeycomb cell open rate is about 95%, so the

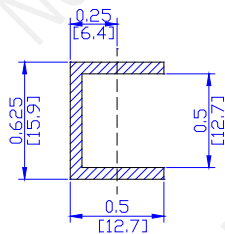
Air Pressure Drop is very low.



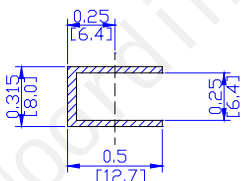
5. Outline Drawing (mm)



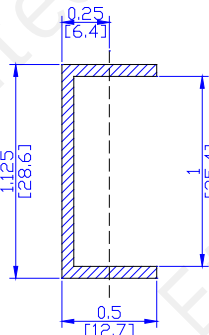
Style 01



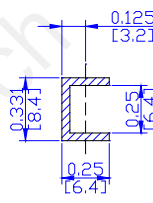
Style 02



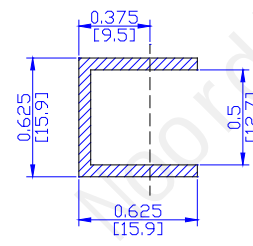
Style 03



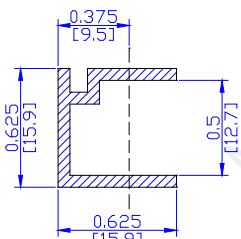
Style 04



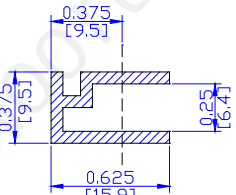
Style 11



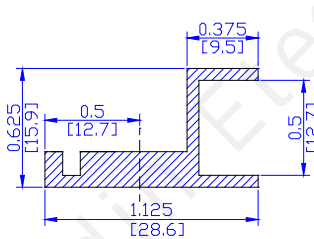
Style 21



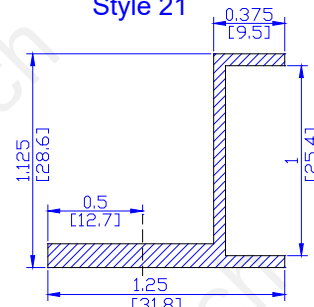
Style 22



Style 23

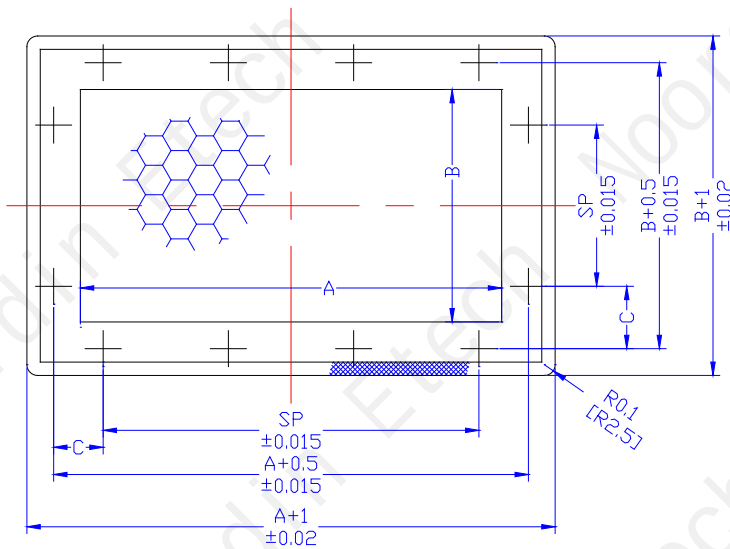


Style 31



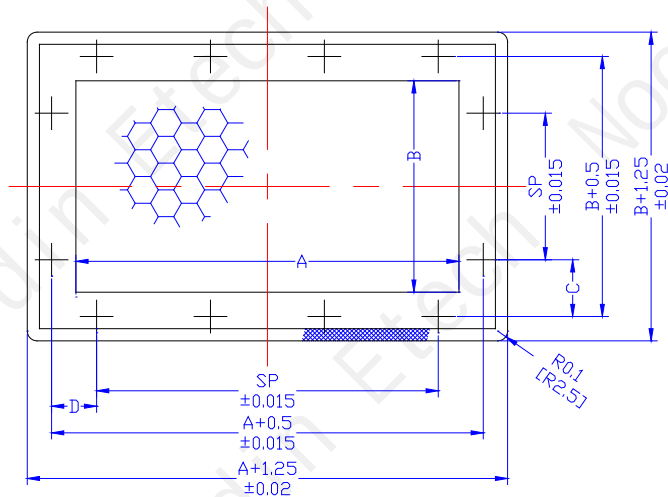
Style 32

For: Style01/ Style02/ Style03/ Style04



Sequential Part No.	Opening Dimensions		Holes or Fasteners (B)			Holes or Fasteners (A)			Total Holes or Fasteners Numbers
	B"	A"	Numbers	D	SP	Numbers	C	SP	
0303	3	3	1	1.75		1	1.75		4
0305	3	5	1	1.75		2	1	3.5	6
0311	3	11	1	1.75		4	1.25	3	10
0404	4	4	1	2.25		2	0.75	3	6
0409	4	9	1	2.25		3	1.25	3.5	8
0505	5	5	2	1	3.5	2	1	3.5	8
0511	5	11	2	1	3.5	4	1.25	3	12
0606	6	6	2	1.5	3.5	2	1.5	3.5	8
0609	6	9	2	1.5	3.5	3	1.25	3.5	10
0714	7	14	3	0.75	3	5	0.75	3.25	16
0909	9	9	3	1.25	3.5	3	1.25	3.5	12
1111	11	11	4	1.25	3	4	1.25	3	16
1414	14	14	5	1.25	3	5	1.25	3	20
1818	18	18	6	1.75	3	6	1.75	3	24

For: Style21/ Style22/ Style23/



Sequential	Opening		Holes or Fasteners			Holes or Fasteners			Total Holes or Fasteners
Part No.	Dimensions		(B)			(A)			Fasteners
XXXX	B"	A"	Numbers	D	SP	Numbers	C	SP	Numbers
0303	3	3	1	1.75		1	1.75		4
0305	3	5	1	1.75		2	1	3.5	6
0311	3	11	1	1.75		4	1.25	3	10
0404	4	4	1	2.25		2	0.75	3	6
0409	4	9	1	2.25		3	1.25	3.5	8
0505	5	5	2	1	3.5	2	1	3.5	8
0511	5	11	2	1	3.5	4	1.25	3	12
0606	6	6	2	1.5	3.5	2	1.5	3.5	8
0609	6	9	2	1.5	3.5	3	1.25	3.5	10
0714	7	14	3	0.75	3	5	0.75	3.25	16
0909	9	9	3	1.25	3.5	3	1.25	3.5	12
1111	11	11	4	1.25	3	4	1.25	3	16
1414	14	14	5	1.25	3	5	1.25	3	20
1818	18	18	6	1.75	3	6	1.75	3	24

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