

# PDF Technical File

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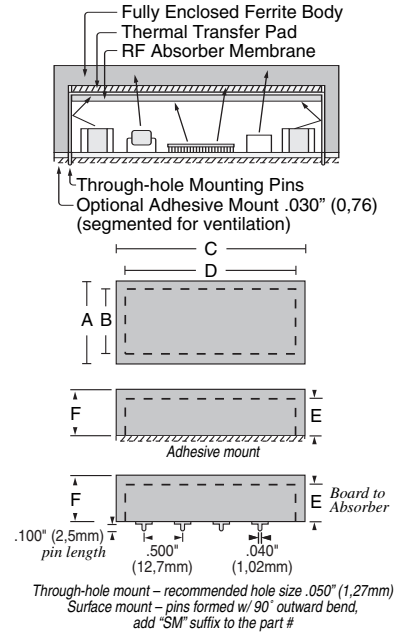
## PCB high attenuation EMC shielded enclosures

WITH FULLY ENCLOSED FERRITE BODY, RF ABSORBER MEMBRANE AND OPTIONAL ADHESIVE MOUNTING. This PCB shield embodies the highest performance of board level shielding and RF attenuation available:

- Absorption of RFI right at the source.
- Much wider broadband performance, up to 1.2 GHz for the ferrite body.
- Auxiliary RF absorber membrane for additional attenuation of frequencies from 40 MHz to 5.0 GHz.
- Integral mounting hardware, standard through-hole or optional surface mount; or, quick-mounting adhesive pad.

The ferrite body offers a very high RF absorption, depending on circuit load and frequency up to 1.2 GHz with peak performance at 700 MHz. The standard absorber membrane #EA3200H adds a complementary wideband effect up to 5.0 GHz with peak performance at 3.2 GHz. Three standard sizes accommodate most common applications; namely, 1.0" x 2.0", 2.0" x 3.0" and 3.0" x 4.5" (25,4 x 50,8; 50,8 x 76,2; 76,2 x 114,3mm).

For recommended mounting hole patterns, visit our web site at [www.ferrishield.com](http://www.ferrishield.com) under "PCB Shields" and click on the link "PCB Shield Mounting Hole Patterns". Optional adhesive mounting (with "A" suffix) quickly mounts to any existing circuit without modification of PCB traces.



PART No.	w/adhesive	A	B	C	D	E	F	Frequency Range, w/Peak	Impedance in ohms
PS253200EMC24	PS253200EMC24A	1.350 34,3	1.000 25,4	2.350 59,7	2.000 50,8	.198 5,0	.320 8,1	10MHz-1.2GHz;700MHz & 3.2GHz peaks	366 @ 700MHz
PS253200EMC44	PS253200EMC44A	2.300 58,4	1.940 49,3	3.300 83,8	2.900 73,7	.398 10,1	.540 13,7	10MHz-1.2GHz;700MHz & 3.2GHz peaks	347 @ 700MHz
PS253200EMC59	PS253200EMC59A	3.300 83,8	2.900 73,7	4.800 121,9	4.400 111,8	.496 12,6	.700 17,8	10MHz-1.2GHz;700MHz & 3.2GHz peaks	330 @ 700MHz

For further technical information, please contact us at:

**FerriShield®**, INC.  
Interference Control Components

Mulberry Professional Plaza • 426 Mulberry Street \* Suite 300 • Scranton, PA 18503  
Tel: 570.961.5617 • Fax: 570.969.6274 • e-mail: info@ferrishield.com

[www.ferrishield.com](http://www.ferrishield.com)

ISO 9001:2000 registered