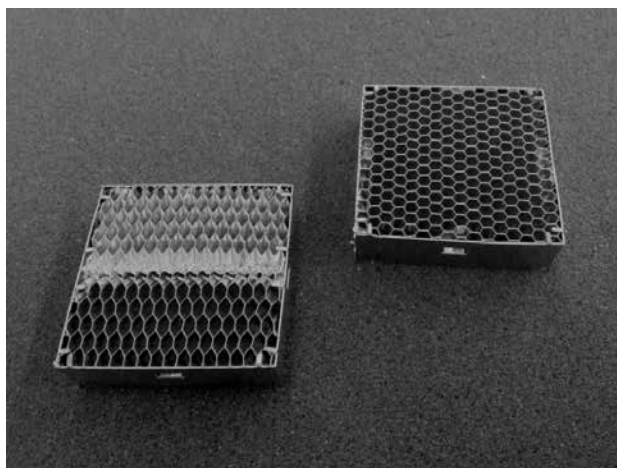
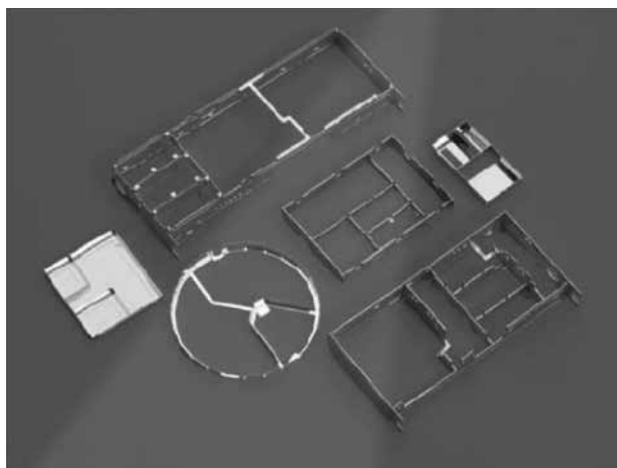
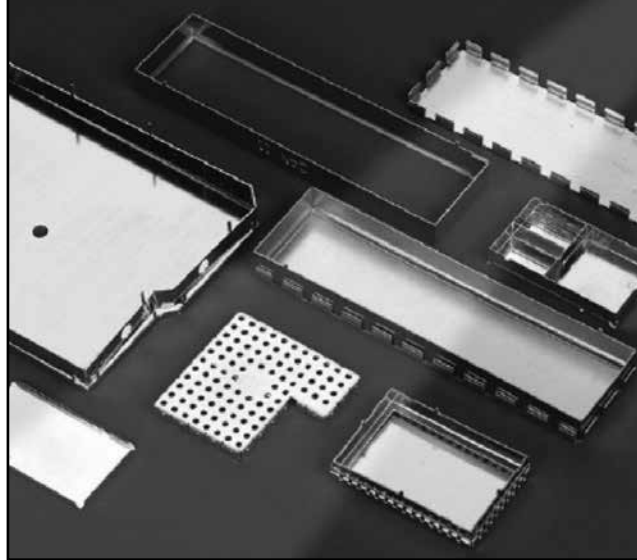


Custom Board Level Shielding (5300 Series)

MAJR specializes in the design and production of custom shielding solutions, shielding cans manufactured specifically to meet the requirements of specific EMI/RFI applications. Using precision Photo Etching techniques, MAJR can supply custom tailored solutions in a matter of days, so there can be little justification for maintaining stocks of cans with compromised, standard, design and dimensions. Ideally, cans should be designed to suit the application and not vice versa. This 'custom' approach is essential if functionality and the use of 'real estate' are to be optimized.



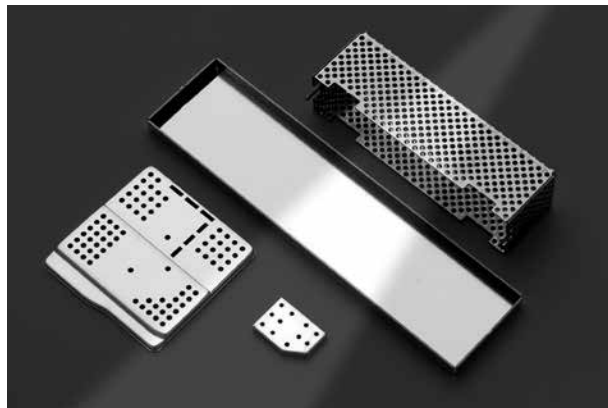
MAJR Shield© US Patent No.:7,589,968
EMI/RFI Shielding and Thermal Management

Features

- Manufacturing methods offer greater design scope and flexibility
- Low cost tooling represents a low risk entry strategy
- Integral bend lines enable more intricate geometries
- Bend lines offer greater coplanarity for easier assembly
- Any mounting method, (conventional through hole, SMT or mechanical) can be Accommodated
- Unique design features ease assembly and optimize performance
- High efficiency heat dissipation venting available at no extra cost
- Easily formed manually or with 'soft' tooling

Board Level Shield (BLS) Types

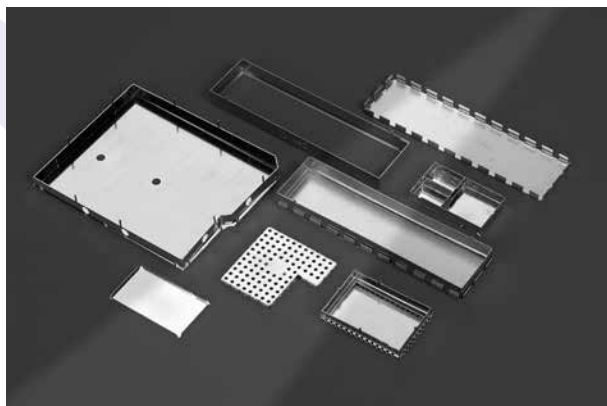
One-piece Board Level Shield



Custom one-piece BLS with half-etched bend lines and 'Quiet' construction features offer outstanding attenuation combined with excellent coplanarity for ease of assembly. These can be shipped fully formed or flat pack for self-assembly, either manually or with soft tooling. They can be virtually any size and can incorporate a wide variety of design features to enhance performance and ease of use.

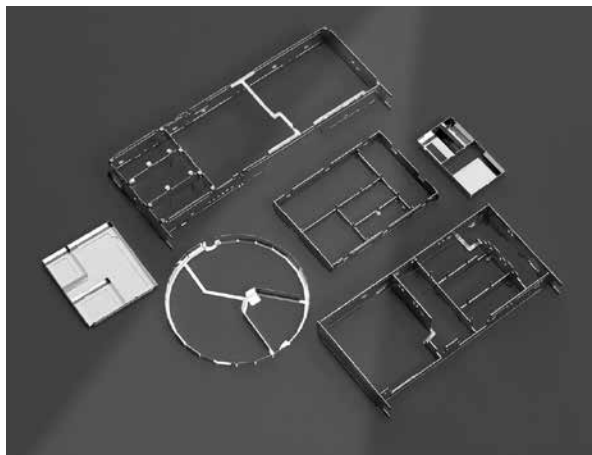
Seam soldering is also available for complete can integrity, if required.

Two-piece Board Level Shield



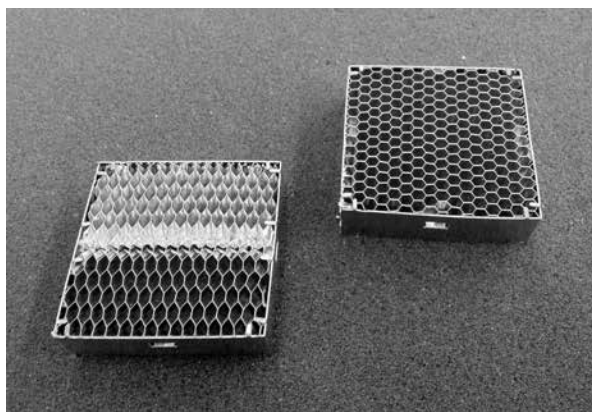
Custom circuit board shielding BLS with removable lids are designed to protect sensitive components from noise while giving access for rework and adjustments. Removable fingered lids provide easy access to the enclosure contents and high attenuation in service.

Labyrinth / multi-compartment Board Level Shield



A multi-compartmental BLS is an effective alternative to multiple BLS. It is cost effective to produce and offers significant savings in terms of initial cost, assembly time and real estate management. A matrix of walls, all folding easily from a single sheet and complemented with a separate lid, provides an efficient enclosure with enhanced accessibility for rework or the tuning of devices.

EMI/RFI Shielding Thermal Management Board Level Shield



MAJR Shield is an EMI/RFI Board Level Shield that allows significant heat dissipation of electronic components. Thermally, MAJR Shield incorporates either straight honeycomb with standoff fence mounting for convection "Chimney effect" heat dissipation or angled honeycomb for forced air applications – both configurations provide high EMI/RFI shielding performance and heat dissipation for today's high frequency and compact circuits.