

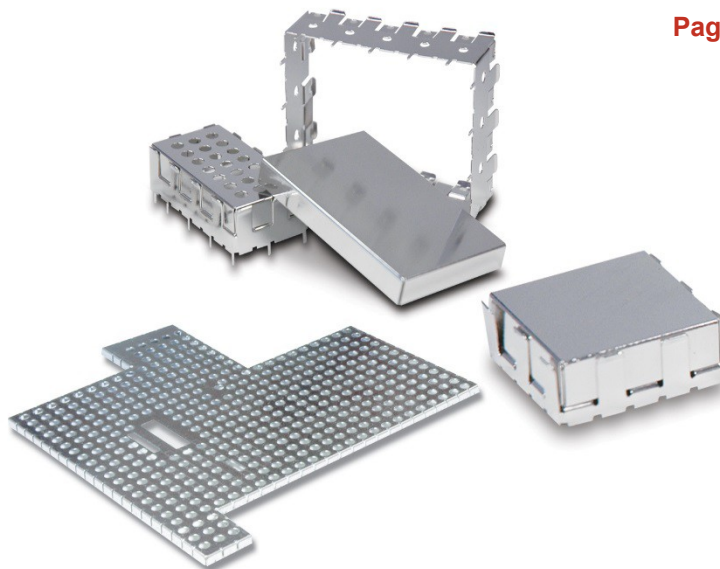
EMC SOLUTIONS NEWSLETTER AUTUMN 2014



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EMC Solutions
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Introducing our new range of Printed Circuit Board (RFI Shields)

[Click here for more information on our PCB Shields](#)

Designed off the shelf solutions and individual “Bespoke Designs” available

- **Material Thickness.** .010” (.25), .012” (.31) or .015” (.38)
Std Material: Pre-tin plated steel / Alloy 770 .
- **Material Options.** • Pre-tin plated Phos Bronze • Brass • BeCu.
- **Plating Finish Options** • Bright tin • Matte tin • Tin lead (not RoHS compliant)
• Nickel
- **Construction.** Solid wall construction with welded corners
 - Through-hole or surface mount • Unlimited flexibility in size and shape
 - Locking & grounding dimples standard • Highly customizable platform
 - Available in multi-cavity configurations • RoHS compliant
- **Standard Options.** Standard Options
 - Welded partitions or formed down
 - Mouse holes, notches, ventilation, standoffs
 - Welded fence assembly or formed down
 - Pick & place spot
 - Custom packaging: tape & reel, vacuum trays. Held in place with solder pastes and all part suitable for flow soldering

Click here to view : *The full range of EMC Solutions RFI and Absorber Products available on our EMC Solutions EMI Products Guide.* <http://www.emc-solutions.com>

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inside tomorrow

Nov 11th - 14th

Please visit us at Electronica 2014
View our product ranges at Hall B1
Display Stands 360 and 374.

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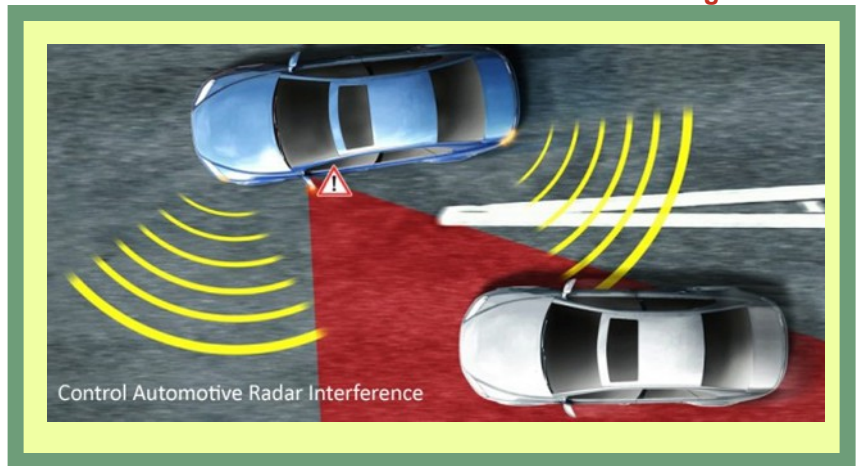
Driven by customer Innovation

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Control Automotive Radar Interference

EMC Solutions and ARC Technologies launch New Automotive Technology SB1006, SB1009, SB1011 & MC1000

- ARC Technologies SB and MC series absorbers are weather and chemical resistant and are suitable for use on the body in white, bumpers and other exterior surfaces.
- SB1009 is a 2 mm thick flexible thermoplastic elastomer with excellent elongation. This product is optimized for W-band radar systems and resolves interference problems from 77 to 110 GHz.
- SB1006 is also a flexible thermoplastic elastomer that is designed for good absorption over a broad range. at a thickness of 1mm. SB1006 is specifically designed for both 24 and 77 GHz.
- SB1011 is a semi-rigid thermoplastic elastomer designed for good absorption over a wide frequency range, but optimized for higher levels such as 77 to 110 GHz.
- MC1000 is a wideband, multilayer, gradient index absorber with a flexible thermoplastic elastomer. It provides outstanding far field reflection loss across W-band, from 75 to 110 GHz.
- [Click here to view the : EMC Solutions / ARC Technologies New Automotive Technology](#)
- **EMC Solutions introduce new materials for space applications.**
This new innovative material will be of interest to companies holding Space Certification.
Our manufacturing partners Schlegel Electronic Materials with over 25 years experience in the design of light and very conductive claddings for the EMI industry, proposed its technology in several Space applications. The Schlegel /European Space market co-operation began in France in 2008, with companies like Astrium now Airbus. (Defense and Space) Thales Alenia Space Airbus...all partners of the European Space Agency (ESA).
[Click here to view our : Innovative Space Applications and Materials Data.](#)