



CASE STUDY

Component Manufacturer Requires Complete EMI Shielding Solution for Cover

THE CHALLENGE

A component manufacturer required a complete EMI shielding solution for a cover to shield components on a printed circuit board (PCB). This included a conductive cover, shielding gasket, and RF absorbing materials.

DESIGN REQUIREMENTS

- Required a vendor that could manage the supply chain for the entire solution
- Required something competitive and cost effective
- Ability to support manufacturing in China

KEY CUSTOMER REQUIREMENTS

- EMI gasket applied to cover
- Excellent EMI shielding
- RF absorption where necessary

CONCLUSION

Parker Chomerics delivered world class customer service by offering a complete solution to the customer's problems in a timely manner, with competitive pricing. Chomerics was able to manage the complete supply chain on a global basis, as prototypes were produced in the U.S. and production was completed in China.

Parker Chomerics satisfied all performance requirements and technical needs for the program.

THE SOLUTION

Parker Chomerics offered a low cost aluminum cover and also introduced the customer to PREMIER™ conductive plastic as a potential solution.

Parker Chomerics also suggested CHOFORM® 5526 form-in-place EMI gaskets, dispensed robotically to provide shielding between the cover and PCB trace. We also solved the need for RF absorption by offering CHO-MUTE® 9000 material with a pressure sensitive adhesive (PSA) that can be easily applied.

