

Ultra-Low Height Two-Piece Board-Level Shield

Smart Technology. Delivered.



The Ultra-Low Height Two-Piece Board-Level Shield incorporates a frame with drawn latch features that accommodate an assembly height as low as 1 mm. The frame's drawn latch features engage with openings in the cover and allow for removable attachment to the frame. The cover may be attached to, detached from, and subsequently reattached to the frame in confined areas without interfering with other electrical components mounted on the PCB outside the frame. The patent pending drawn latch design allows for simplified tooling and tighter tolerances, while also enhancing structural rigidity which preserves co-planarity. This innovative design offers an ideal solution for board-level EMI shielding applications in which access to the shielded components is required and conserving space between a densely populated printed circuit board (PCB) and compact enclosure is critical.



FEATURES

- 1.0 2.0 mm assembly height
- 0.15 mm frame material thickness
- 0.10 mm cover material thickness
- Typical BLS Sizes (up to 50 mm)
- Drawn frame with integrally formed tabs for cover attachment
- ReMovl™ feature can be incorporated

BENEFITS

- Two-Piece BLS solution with assembly height as low as 1 mm.
- Enhanced structural rigidity for preserving co-planarity.
- Simplified tooling
- Tighter Tolerances



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