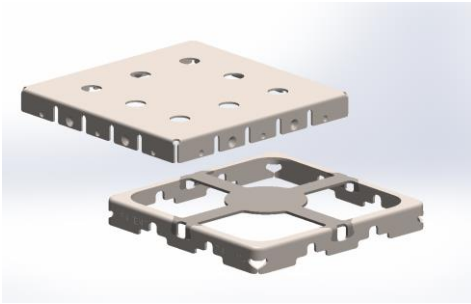




Smart Technology. Delivered.

Low Height Standard Two-Piece Board-Level Shields



Optimize PCB and Enclosure Real Estate - Reliable and Ease of Assembly – Ease of Repair - Short Lead Time – No Tool Cost

The Low Height Standard Two-Piece Board Level Shields incorporate a removable pick bridge and rigid corners along with a low, 2.15 mm assembled height. The frame has a removable pick bridge to allow easy access to components underneath for re-work or addition of thermal pads or other contacts. The rigid corners enhance structure 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 space between the printed circuit board (PCB) and enclosure is critical.

FEATURES

- Low 2.15 mm assembled height (1.8 mm under frame)
- Same foot prints as current BMI-S-202-F/C and BMI-S-203-F/C (dimensions below)
- 0.13 mm cover material thickness
- 0.20 mm frame material thickness
- ReMovl Pick & Place Bridge
- Pull force to remove pick bridge <3 lbs
- Rigid corners for structure rigidity
- Tin plated cold roll steel material

BENEFITS

- Enables low height enclosures
- Enhanced co-planarity of 0.08
- Easy access to components under frame for re-work or inspection
- Allows thermal interface material or absorber to be added to the cover
- Enables pick and place assembly process
- Removable Pick & Place Bridge eliminates noise and vibration between traditional bridge and cover

VALUE

- Optimized PCB/enclosure real estate
- Ease of assembly
- High reliability of assembly at low cost
- Ease of repair
- Ready to ship (short lead time)
- No tooling cost

SAMPLES

Inventory available

PART NUMBERS	BMI-S-202-F-20-R	BMI-S-202-C-20	BMI-S-203-F-20-R	BMI-S-203-C-20
Dimensions (mm)(± 0.05)	16.50x16.50x2.00	16.90x16.90x1.75	26.21x26.21x2.00	26.61x26.61x1.75
Co-planarity (mm)	0.08	n/a	0.08	n/a
Available Material	Tin plated CRS	Tin Plated CRS	Tin Plated CRS	Tin Plated CRS

EMI-DS-low height standard BLS_102114

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