

# 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 removable pick bridge and rigid corners features 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 materials. 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 footprints as current BMI-S-202-F/C, BMI-S-203-F/C, and BMI-S-209-F/C
- 0.15 mm cover and 0.20 mm frame material thicknesses
- ReMovI<sup>™</sup> Pick and Place Bridge
- Rigid corners for rigidity

#### **BENEFITS**

- Enables low height enclosures
- Enhanced co-planarity
- Easy access to components under the frame for rework or inspection
- Allows for a thermal interface material, an insulator film, and/or an absorber to be added to the cover
- Enables pick and place assembly process
- Removable Pick and Place Bridge for ease of removal after the frame is soldered to the PCB

# Laird Performance Materials

# **DuPont Electronics & Industrial**

Americas: +1 866 928-8181

Europe: +49 8031 2460 0

China: +86 7552 7141166

#### www.laird.com



#### EMI-DS-Low Height 2pc BLS-031622

# VALUE

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

### SAMPLES

Available at regional sample centers: Liberec, Schaumburg, and Shenzhen

PART NUMBER	DIMENSIONS (LxWxH; mm)	COPLANARITY (mm)	MATERIAL	FRAME OR COVER
BMI-S-202-C-20	16.90 x 16.90 x 1.75	n/a	Tin Plated CRS	Cover
BMI-S-202-F-20-R	16.50 x 16.50 x 2.00	0.08	Tin Plated CRS	Frame
BMI-S-203-C-20	26.61 x 26.61 x 1.75	n/a	Tin Plated CRS	Cover
BMI-S-203-F-20-R	26.21 x 26.21 x 2.00	0.08	Tin Plated CRS	Frame
BMI-S-209-C-20	29.86 x 19.00 x 1.75	n/a	Tin Plated CRS	Cover
BMI-S-209-F-20-R	29.36 x 18.50 x 2.00	0.10	Tin Plated CRS	Frame

Any information furnished by Laird Technologies, Inc. or any of its affiliates or agents ("Laird") is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird materials rests with the end user. Laird makes no warranties as to the fitness, merchantability, suitability or non-infringement of any Laird materials or products for any specific or general uses. Laird shall not be liable for incidental or consequential damages of any kind. All Laird products are sold pursuant to the Laird's Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2021 Laird Technologies, Inc. All Rights Reserved. Laird T⊷, Laird Technologies™, the Laird Logo, and other marks are trademarks or registered trademarks of technologies, Inc. or an affiliate company thereof. DuPont™ is a trademark or DuPont de Nemours, Inc. or an affiliate company thereof. Other marks may be owned by third parties. Nothing herein provides a license under any Laird or any third-party intellectual property rights.