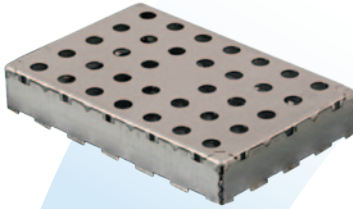


Removable Top Board-Level Shield



PATENTED BOARD-LEVEL SHIELD SETS STANDARD FOR REMOVABLE TOP SHIELDING

The proprietary and patented ReCovr™ product line incorporates the functionality of a two-piece shield without the need for a separate frame and cover. The shield is specially designed with a locking mechanism that allows for easy removal of the shield cover when access to board-level components is required. The locking mechanism makes repair of components under the shield quick and easy by eliminating the need for removing the entire shield and reducing board re-work. The removable top shield also integrates Laird Technologies' patented rigid corner board-level shield technology, which incorporates a new corner design that optimizes component rigidity for increased part and printed circuit board (PCB) firmness.

FEATURES

- Single-piece board-level shield with a removable top cover
- Eave-less side walls when the cover is removed
- SMT or through-hole pin configurations available
- Other characteristics typical to one-piece shields: vent hole patterns, castellations, trace clearance notches, etc.

BENEFITS

- Eliminates need for replacement covers
- Offered as an assembled product only: tape and reel, tray pack, or layer pack
- Excellent for periodic testing or rework applications.
- Limited footprint configurations (L-shapes, etc)
- Available in select Laird Technologies standard board-level sizes or custom configurations

MARKETS OR APPLICATIONS

- Computing
- Telecommunications / Datacom
- Automotive
- Consumer Electronics
- SMART Metering
- Aerospace / Defense
- Medical
- Industrial & Instrumentation

OTHER SPECIFICATIONS

- Typical shielding effectiveness is >30db at 1-10 GHz
- Cover retention maintained through standard 1 meter drop test.
- Rigid corner design promotes co-planarity. Typical 0.1 mm (.004")
- Consistent / reliable removal force. ~2.0 lbs (9 N) pull force

US Patent 7504592, Korea Patent 10-0898026, Patents Pending: China, Europe, India, Japan and Taiwan. US Patent 7488902 rigid corner board-level shield technology.

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EMI-DS-RECOVR 1010

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