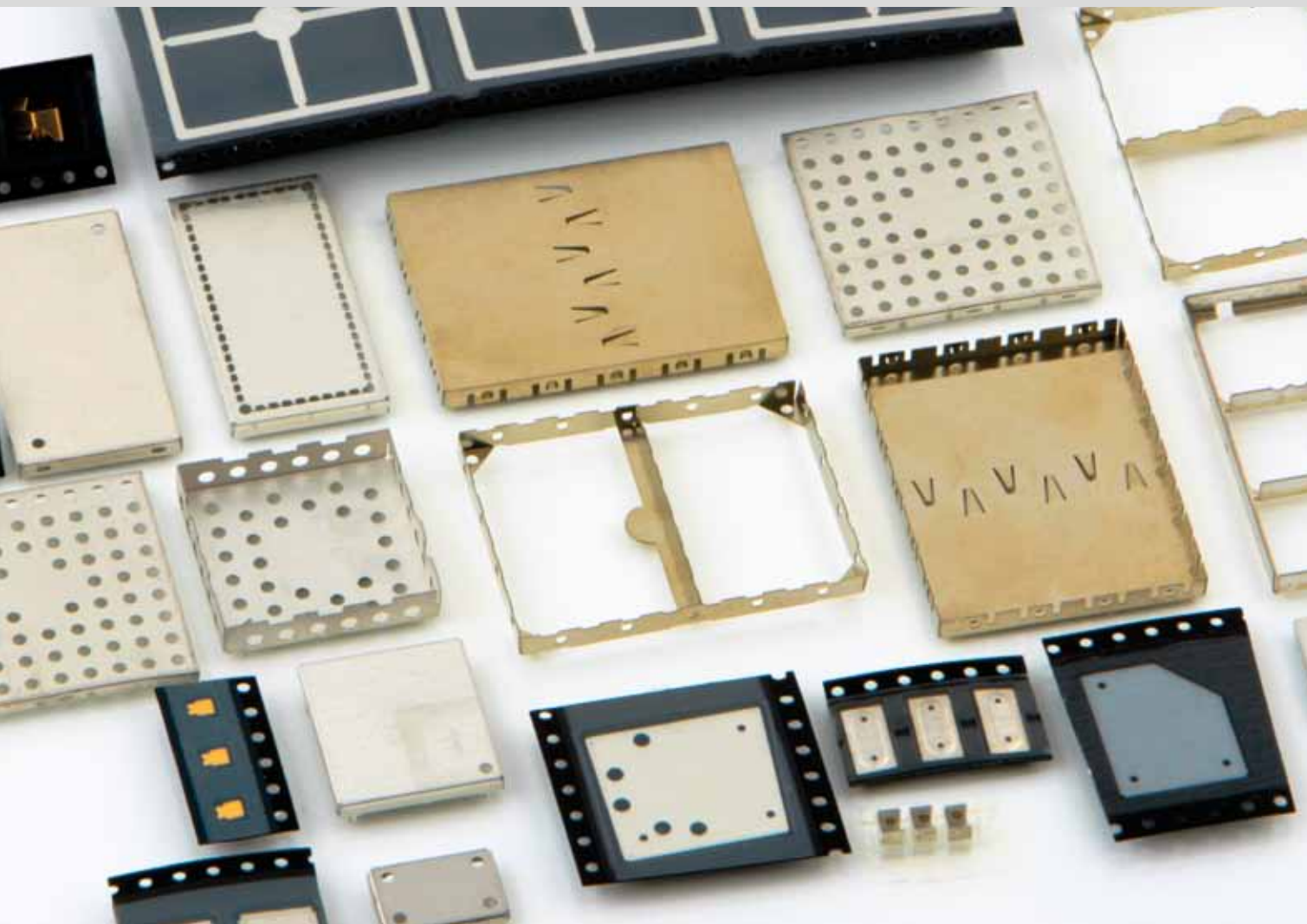


12.

B.L.S.

**BOARD
LEVEL
SHIELDS.**



GENERAL INFORMATION

Euro Technologies is the precision solutions provider of one piece, two piece, multi-compartmental and custom Board Level Shielding (BLS).

Metals can be selected from a range of thicknesses and from a variety of pre-plated options for better soldering and shielding performances.

Euro Technologies experienced engineers and technical specialists are always available to help transform your shielding concepts into practical BLS.

Our product range guarantees flexibility for surface mount or thru-hole configurations.

We're your right solutions provider from prototypes, pilot builds to very high run production volume.

Customizations



FEATURES AND BENEFITS

- Standard parts availability without tooling costs.
- Economical shielding protection solutions.
- Custom solutions with technical support.
- Solderability > 99%.
- Tape&Reel packaging for automatic mounting.

ONE-PIECE SHIELD DESIGN

LOW COST/EXCELLENT EFFECTIVENESS

One-piece shields provide six sides of protection, with the sixth side being the board itself.

One-piece designs offer economical shielding alternatives where access to covered components for repair is not necessary.

TWO-PIECE SHIELD DESIGN

QUICK, EASY REPAIR AND INSPECTION OF COVERED COMPONENTS

Two-Piece Board Level Shields offer users the flexibility to inspect or repair shielded components without having to risk board damage by removing the entire shield.

Covers snap on and off with ease, making repairs quicker and easier, and reducing board re-work.

Two-Piece Shields are available preassembled or unassembled.

Large locking dimples snap into slots on covers to provide mechanical retention force.

Smaller grounding dimples provide electrical grounding for proper shielding and to prevent rattle.

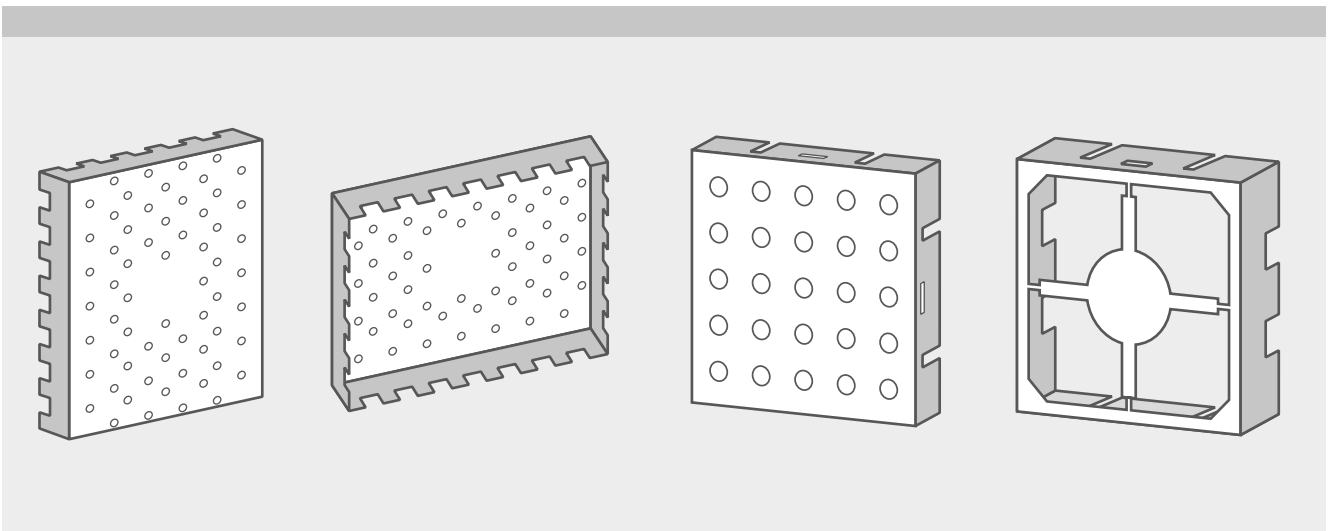
Two-Piece Shields survive drop, shock and no-rattle tests.

MATERIAL: Pre-plated tinned CRS base box steel 1008/1010

THICKNESS: 0.20 mm

STANDARD SURFACE MOUNT SHIELDS ONE-PIECE

Code	Length (mm)	Width (mm)	Height (mm)
BLS1-01	13.66	12.10	2.54
BLS1-02	16.50	16.50	3.60
BLS1-03	26.21	26.20	5.08
BLS1-04	32.00	32.00	6.00
BLS1-05	38.10	25.40	6.00
BLS1-06	36.83	33.68	5.08
BLS1-07	44.37	44.37	9.75



STANDARD SURFACE MOUNT SHIELDS TWO-PIECE

Code	Length (mm)	Width (mm)	Height (mm)
BLS2-01-x	13.66	12.10	2.54
BLS2-02-x	16.50	16.50	3.60
BLS2-03-x	26.21	26.21	5.08
BLS2-04-x	32.00	32.00	6.00
BLS2-05-x	38.10	25.40	6.00
BLS2-06-x	36.83	33.68	5.08
BLS2-07-x	44.37	44.37	9.75
BLS2-08-x	39.60	39.60	7.00
BLS2-09-x	29.36	32.00	7.00
BLS2-10-x	44.02	30.50	3.00

ORDERING INFO

Replace "x" with: C = Cover; F = Frame.

ALL SHIELDS ARE FULLY SOLDERABLE

TYPICAL PROPERTIES & PERFORMANCE – ALL PART NUMBER

PROPERTY	TEST METHOD	RESULT
Co-planarity	LTWI - 1119	< 0.10 mm
Solderability	ANSI / JSTD - 002	> 99%
Solderability	MIL - STD - 202 Method 208	> 99%
Adhesion	ASTM B - 571	Passes
3 Axis Mechanical Shock	LTES - 461	Passes

ORDERING INFORMATION

BLS | **1** - **01** - **C**

- BLS** Product Family
- 1** 1 = One piece / 2 = Two pieces
- 01** Dimension
- C*** C = Cover / F = Frame

* Only for 2 pcs.