



Quick-Turn, Near Custom Shielding Solutions

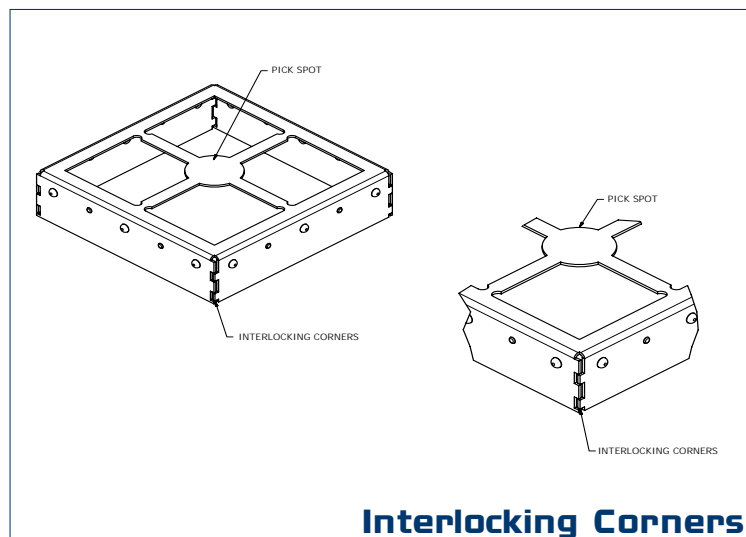
Slot-Lok™ shields from Leader Tech represent a proprietary manufacturing process that increases shield design flexibility while reducing lead time and total product cost. Slot-Lok™ Circuit Board Shields achieve this by applying standardized manufacturing methods to produce what would traditionally be a custom manufactured product. The proprietary Slot-Lok™ manufacturing process has helped many companies reduce their design-to-delivery time by a factor of four without incurring tooling charges.

An added feature of the Slot-Lok™ design is an audible click that confirms secure retention of the cover.

A Slot-Lok™ Solution for any application

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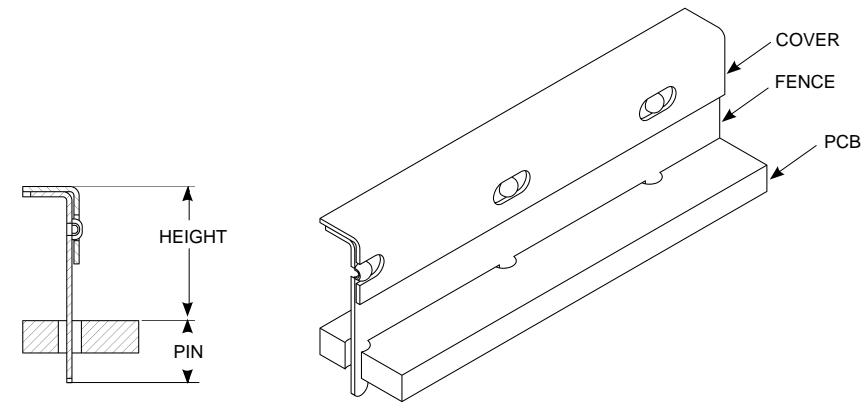
Slot-Lok™ with Interlocking Corners



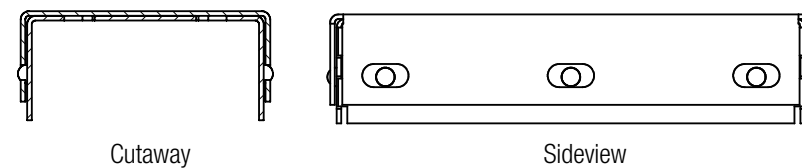
Features and Benefits

- Lowest cost Slot-Lok™ design
- Shortest lead time
- Custom options available
- Through-hole or surface mount
- Locking & grounding dimples standard
- Automated pick & place option
- Tape & reel packaging option
- RoHS compliant
- Multiple finish plating options

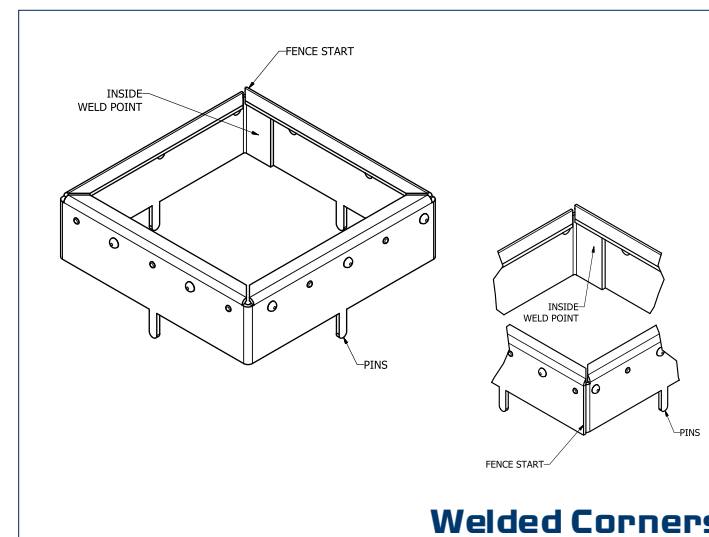
Slot-Lok™ Configuration



Cutaway and Sideview



Slot-Lok™ Pro with Welded Corners



Features and Benefits

- No apertures for enhanced shielding performance
- Solid wall construction with welded corner
- Through-hole or surface mount
- Unlimited flexibility in size and shape
- Locking & grounding dimples standard
- Highly customizable platform
- Available in multi-cavity configurations
- RoHS compliant

Slot-Lok™ Series Specs

- Sizes:** .50" x 12.00"
- Shapes:** Squares, Rectangles and Odd Shapes
- Heights:** <.150" to 2.00"
- Material Thickness:** .010" (.25), .012" (.31) or .015" (.38)
- Std Material:** Pre-tin plated steel
Alloy 770 (Slot Lok™ Pro)
- Cover Retention:** 1.5 - 2.5 lb./linear inch
- Shielding Effectiveness:** up to 60 dB

Standard Options

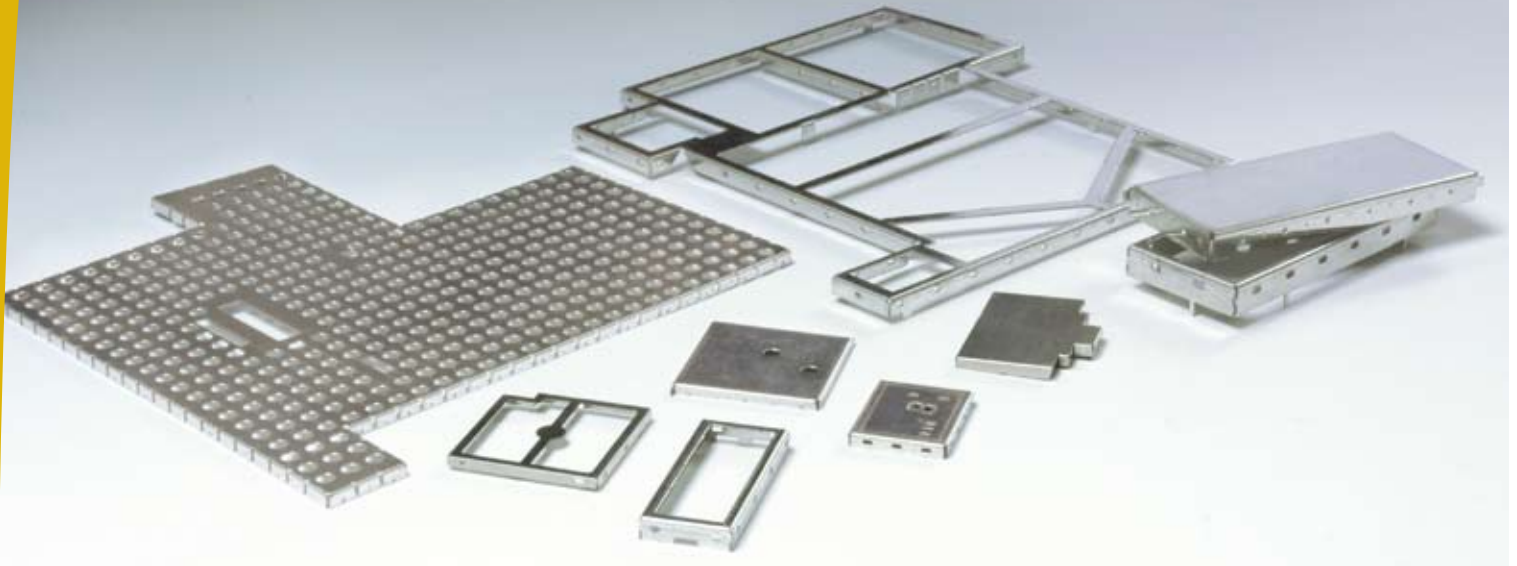
- Unlimited board shield sizes
- Limitless pin spacing options
- Variety of cover retention methods
- Pull tabs for ease of cover removal
- Custom access holes and notches
- Ventilation holes for cover
- Multiple finish plating options

Material Options

- Pre-tin plated Phos Bronze
- Brass
- BeCu

Finish Plating Options

- Bright tin
- Matte tin
- Tin lead (not RoHS compliant)
- Nickel



When space is tight...we've got you covered.

Leader Tech's Low Profile Slot-Lok™ design is the perfect choice for demanding applications that require a board-level shield, but have a stringent height requirement of less than .150".

This design variation offers all of the flexibility and benefits of the standard Slot-Lok™ series with a very compact profile. The shields are manufactured using RoHS compliant materials which exhibit exceptional solder characteristics, corrosion resistance and shielding effectiveness.

Low Profile Slot-Lok™ Features and Benefits

- Low profile Slot-Lok™ design
- Short lead time
- Through-hole or surface mount
- Tape and reel packaging for automatic placement available
- Ideal for applications with height restrictions under .150"

Slots on frame to accommodate lower profile

Low Profile Slot-Lok™ Specs

Sizes: .50" x 12.00"

Shapes: Squares, Rectangles and Odd Shapes

Heights: <.150" to 2.00"

Material Thickness: .010" (.25), .012" (.31) or .015" (.38)

Std Material: Pre-tin plated steel

Cover Retention: 1.5 - 2.5 lb./linear inch

Shielding Effectiveness: up to 60 dB

Standard Options

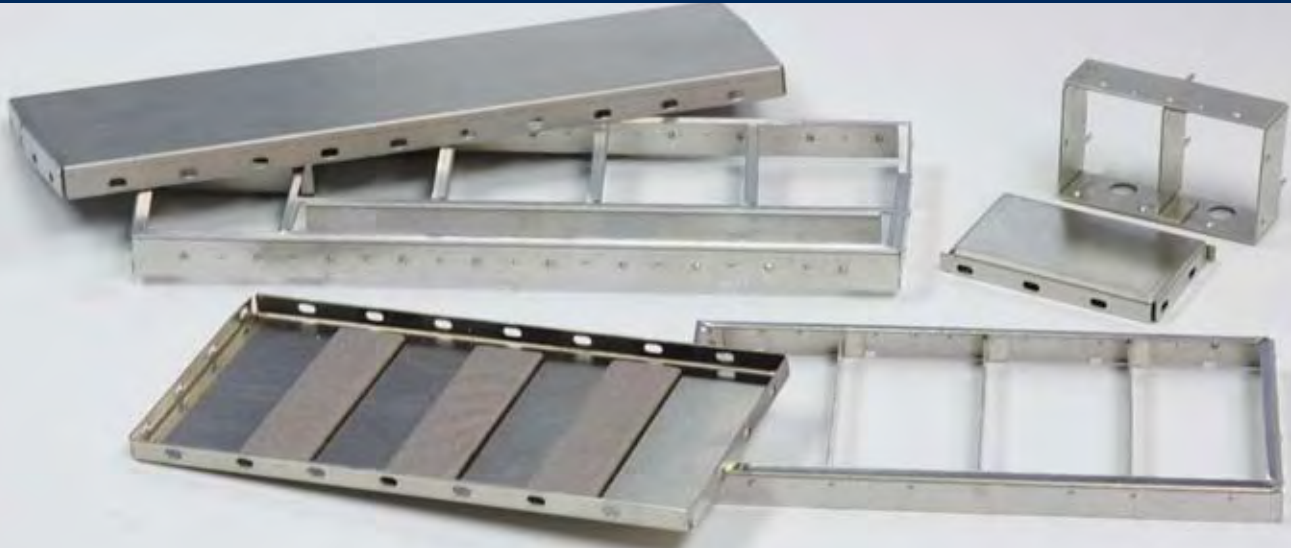
- Unlimited board shield sizes
- Limitless pin spacing options
- Variety of cover retention methods
- Pull tabs for ease of cover removal
- Custom access holes and notches
- Ventilation holes for cover
- Multiple finish plating options

Material Options

- Pre-tin plated Phos Bronze
- Alloy 770
- Brass
- BeCu

Finish Plating Options

- Bright tin
- Matte tin
- Tin lead (not RoHS compliant)
- Nickel



A Low-Cost, Multi-Cavity Alternative

The proprietary and extremely cost-effective Slot-Lok™ design and manufacturing process can accommodate virtually any multi-cavity shielding application requirement. This circuit board shield uses a flexible manufacturing technology that increases design options while reducing lead time and total product cost.

Multi-Cavity Slot Lok™ Features and Benefits

- Minimal NRE
- Short lead time
- Surface mount or through-hole design
- Pin pitch matching - to replace existing "legacy" shields
- E-Z pull tabs for ease of cover removal
- Removable cover for access to components
- Cover retention using standard locking and grounding dimples
- Proven multi-cavity performance with interlocking corners
- Multiple level shields

Multi-Cavity / Slot-Lok™ Specs

Sizes: .50" x 12.00"

Shapes: Squares, Rectangles and Odd Shapes

Heights: <.150" to 2.00"

Material Thickness: .010" (.25), .012" (.31) or .015" (.38)

Std Material: Alloy 770

Cover Retention: 1.5 - 2.5 lb./linear inch

Shielding Effectiveness: up to 60 dB

Standard Options

- Welded partitions
- Mouse holes, notches, ventilation, standoffs
- Welded fence assembly
- Pick & place spot
- Custom packaging: tape & reel, vacuum trays

Material Options

- Pre-tin plated Phos Bronze
- Pre-tin plated steel

Finish Plating Options

- Bright tin
- Matte tin
- Tin lead (not RoHS compliant)
- Nickel