

## 8 PAIR PROTECTOR BLOCK

LEA Networks Connectivity Solutions  
5 Pin Protector Panel Custom Components



### PRODUCT DESCRIPTION

LEA Networks 8 pair protector block provides high speed primary protection connectivity for custom designed panels, and is ideally suited for network centers, Enterprise systems, Central Office, or Remote Terminal Cabinets. LEA has re-engineered the traditional protector block to respond to modern transmission requirements in a highly flexible design.

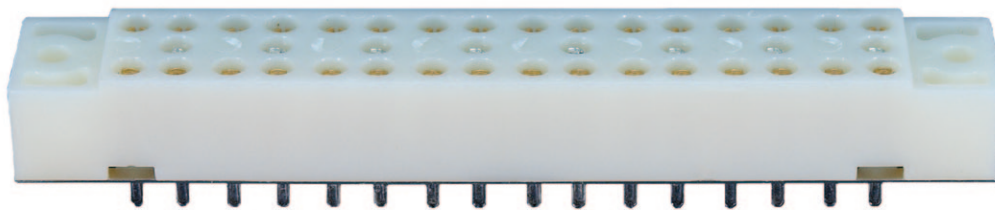
The protector blocks are the foundation for **Cat5 SmartWired**® panel systems. The socket terminals are designed and positioned to minimize the tip to ring wire wrap pin distance. This maximizes adjacent pair to pair spacing, optimizing transmission performance. This unique design is an industry first.

The 8 pair block is the ideal pair count for two and four pair transmission systems such as T1, Ethernet, Power Over Ethernet, and Ethernet First Mile. This capability is also unique to our block.



The ground bar is solid copper and sized to exceed Telcordia and UL requirements. The block mounts from the inside for a clean panel design, and can be fastened using panel studs or screws. A snap-to-size 6AWG equivalent copper ground strap is available to bond up to 12 blocks together (96 pair system). The block width is minimized to present a seamless stacked multi-block system.

Combined with LEA Networks high speed protector modules, the block system gives future-proof protection and performance for POTS, T1, ADSL2+, VDSL2 and Ethernet based services.



### FEATURES & BENEFITS

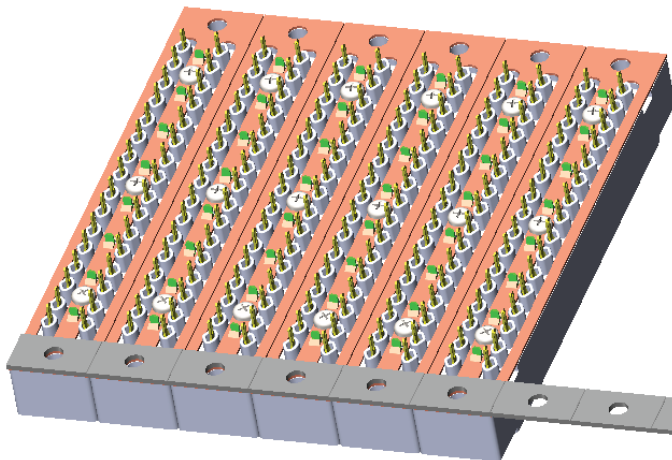
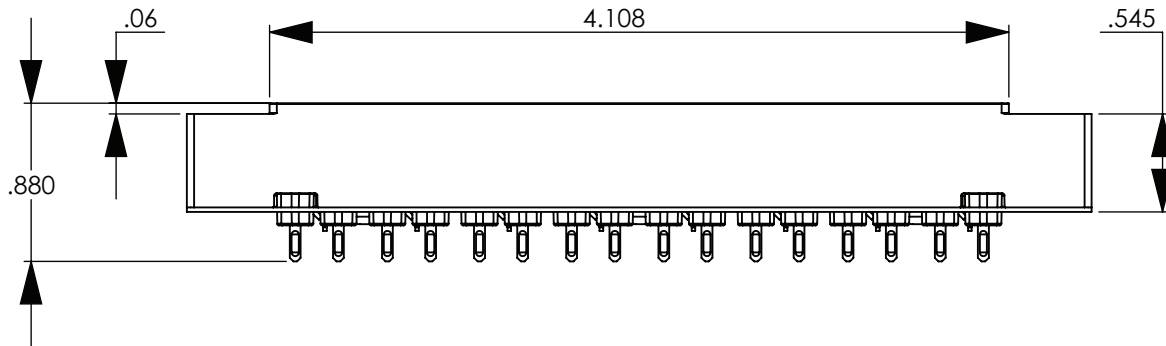
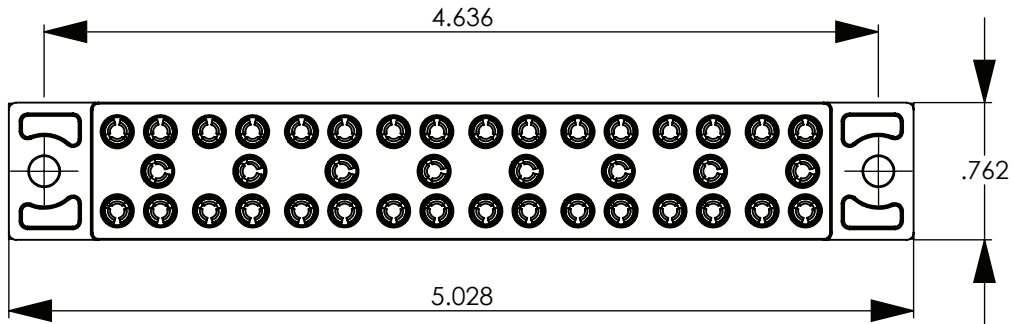
- Minimal width and panel footprint
- *Cat5 Smartwired*®
- FEA optimized plastic base design
- Solid copper grounding system
- Multiple bonding points
- Plastic base material UL94 V-0 rated
- 8 pair small form factor
- Maximum density systems, up to 12 can seamlessly stack together for up to 96 pairs
- Block is designed from the ground up for reduced crosstalk and insertion loss
- Modern design minimizes plastic usage, weighs up to 20% less than legacy units
- Maximizes fault handling, optional 12 position 6AWG daisy chain bar
- Direct panel mount ground bond, discrete ground wire bond, and daisy chain connections easily adopted.
- Ensure facility and personnel safety
- Ideal for 2 and 4 pair transmission systems, no wasted block pairs

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|          | Pair Count | Socket Plating | Dimensions          | Weight    |
|----------|------------|----------------|---------------------|-----------|
| 900046-T | 8 Pairs    | Electro Tin    | 5.03" x .76" x .88" | 0.13 lbs. |
| 900046-G | 8 Pairs    | Gold           | 5.03" x .76" x .88" | 0.13 lbs. |



Optional stacking ground bar, 6 positions shown (12 max)