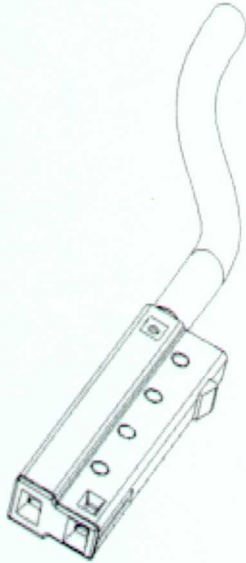


Joy Signal's New Z-TRACE Interconnect System

Product Bulletin No. JS-07-99



2 Position Z-Trace Termination

Joy Signal's New **Z-Trace** is a fully shielded interconnect system utilizing the latest technology and materials available. Exceptional performance and application-specific features for cable to board and cable to backplane interface set this system apart from all others.

The **Z-Trace Connector** is a 1x2 socket configuration, and will interface with all industry standard .025" square or round post pin grids and headers. The unique carrier configuration allows alternate ground/signal click-in of the terminations to provide the best cross talk characteristics in the industry.

Joy Signal's **Z-Trace System** is designed to provide a cost effective, impedance matched solution. This easy-to-use system is ideal for the critical high speed applications demanded by the automatic test equipment, and instrumentation markets. Let Joy Signal's New Z-Trace System solve your interconnect problems.

Features and Benefits

- ✧ Joy Signal's **Z-Trace** termination does not require overmolding of the strain relief. This prevents crushing of the foam dielectrics, which can cause impedance spikes and unwanted reflections with fast risetimes.
- ✧ Individual terminations are both side to side and end to end stackable on .100" grid pin field and click-in to the carriers for easy configuration by the ATE manufacturer or the end user.
- ✧ The **Z-Trace System** is designed for applications with signals from DC to over 3 Ghz and rise times as low as 100 picoseconds.
- ✧ Unique construction allows for flexible pin-out configurations.
- ✧ High Performance Coax Cables are inventoried in order to meet the most critical applications.

Please contact us at (530) 891-3551 to inquire about more Joy Z-Trace products that are in development, other products, or to discuss your unique interconnect requirements.