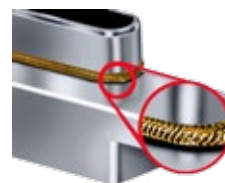




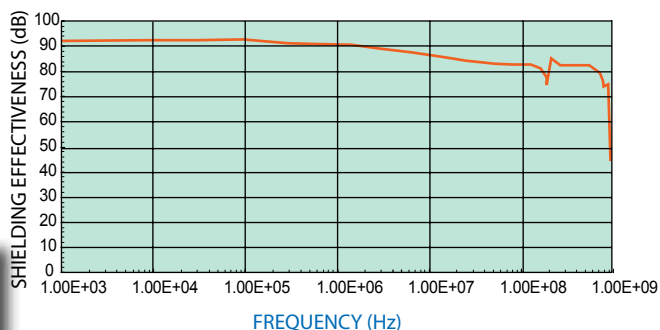
Improve EMI Performance with Mod 497 Ground Springs

Today's military and aerospace electronics systems require improved EMI protection. Micro-D connectors are widely used in EMI applications; however, the shell-to-shell resistance of a mated pair can vary, resulting in inconsistent levels of shielding effectiveness. Ground springs assure consistent shell-to-shell resistance for improved EMI protection.

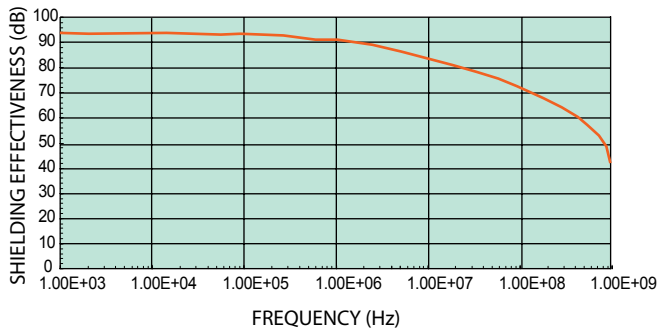
Ground Spring and EMI Shielding Effectiveness – A gold-plated stainless steel ground spring on the pin connector mating face offers substantial improvement in EMI protection. The graphs compare identical connectors tested with and without ground springs.



EMI Performance with Ground Spring



EMI Performance without Ground Spring



HOW TO ORDER MICRO-D CONNECTORS WITH MOD 497 SPRINGS

Step 1: Find a Standard Micro-D Part Number

Ground springs are available on all standard Micro-D plug connectors with solder cups, insulated wire, or printed circuit board. Ground spring usage is limited to pin connectors with electroless-nickel plated shells.

Example: MWDM2L-100P-6K7-18B

1. Plugs only (pin connectors)
2. Nickel-plated aluminum shells only

Step 2: Add the Mod Code to the Part Number

Example: MWDM2L-100P-6K7-18B-497