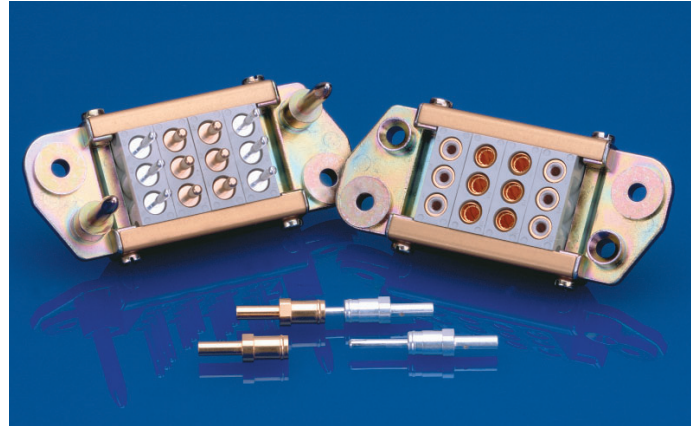


Hot Plug Contacts

Hypertronics patented Hot Plug contacts offer the high reliability performance properties of the Hypertac contact, while allowing for frequent engagement and disengagement of “live” electrical systems, without causing system failures or other costly downtimes.

Hot Plug contacts are designed to ensure signal integrity under the harsh electrical conditions present in such applications as power supplies, power generators, AC/DC converters, telecommunications systems and data communications systems. The contacts provide live plug capability to over 50 mating cycles and are immune to the effects of shock and vibration. They have low contact resistance and have been tested to applicable sections of the UL1977 Safety Standard.

Hot Plug contacts can be used alone or in combination with any Hypertronics signal, power and coax contacts. The contacts are an enhancement to Hypertronics L Series and N Series modular connectors. Custom connectors can also be designed to incorporate Hot Plug contacts.



Technical Specifications

- Pin Diameter: 2.00mm and larger
- Available Terminations: crimp, solder cup, straight dip
- Wire Size: 13 - 14 AWG
- Sacrificial forward ring on receptacle
- Spring loaded tip on plug

Qualifications Testing

- UL1977, section 15: Tested to 50 cycles under load
- EIA 64, test procedure 70: Rated to 28 Amps for non-hot plug applications
- UL1977, section 16 temperature rise: Rated to 16 Amps 115V AC for hot plug applications (after 50 cycles)

Features and Benefits

- Live plug capability to over 50 mating cycles
- Hypertac high reliability sockets
- Immune to vibration
- Low contact resistance
- Silver plated pin and forward ring resists arc damage and reduces contact resistance

