

# D Series

## Circular Plastic Connectors



*Simple Push Button Operation*

*Available in Two Sizes (D01 and D02)*

*Designed For Critical Medical and Industrial Applications*

*Hypertac® High Performance Contacts*

*Six Different Color Codes Available*

*Cable-to-Panel or Cable-to-Cable Interconnects*

### D Series - Simple to Use Connectors for High Reliability Applications

Hypertronics' D series connectors are simple to use and highly reliable. Whether it is a busy medical technician hooking up a patient monitor, an outpatient wearing a therapeutic device, or a harried business person plugging their laptop into the armrest on their aircraft seat, the connector should be intuitive. The D series cooperates by having a simple push-button latch, available color coding and a "D" shaped flange which makes "up" and "down" obvious.

There are two D series sizes to accommodate a wide variety of applications. The mini D01 plug has up to nine Hypertac contacts in less than 1/2" diameter. The slightly larger D02 offers even more options, from three power to 25 signal contacts, or a mixture of power or coax and signal contacts.

The D series provides medical equipment designers with reliable connections for applications as diverse as electrophysiology catheters, monitors, MRI's, intravascular ultrasounds, defibrillators, infusion pumps and laboratory equipment. D Series connectors are also used in industrial applications where reliability is a must. Additionally, D02 connectors are incorporated into the Arinc 628 system that provides power for laptop computers in many commercial aircraft.

The D Series can also be customized for specific applications needing single use disposables, integrated electronics, metal shells for increased strength, or custom contact configurations. Custom cable assemblies are also offered, incorporating the D series with overmolding and special cable bundles to meet your needs.

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### Benefits

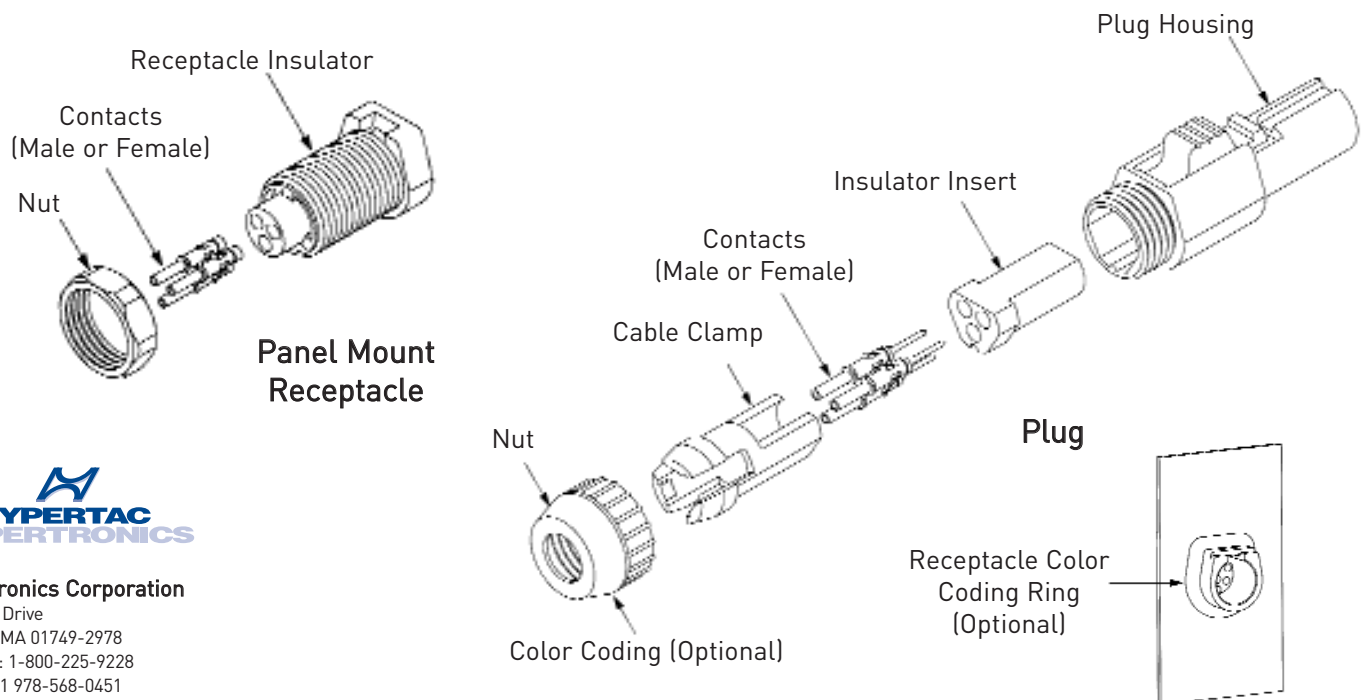
- Simple push button latch – easy to understand and use
- Visual indicators for efficient mating
- User-friendly interconnect – saves time and prevents mismatching
- High impact plastic body
- Custom overmolded and value added cables available

### Features

- Six different color codes: Red, white, blue, green, yellow and orange
- Hypertac high performance contacts – up to 100K mating cycles
- Alignment and polarization provided by housing
- Crimp, solder cup and PC contacts
- Available in D01 and D02 sizes
- Both cable-to-panel and cable-to-cable configurations are available
- Standard or reverse gender plugs and receptacles
- Quick disconnect push button release

### Specifications

- One to eight amps per contact
- UL recognized – components file #102195
- 3, 4, 7, 9, 12 and 25 position models; mixed signal and power or coax



**Hypertronics Corporation**  
 16 Brent Drive  
 Hudson, MA 01749-2978  
 Toll Free: 1-800-225-9228  
 Phone: +1 978-568-0451  
 Fax: +1 978-568-0680  
 www.hypertronics.com

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