HiPer-D® socket connectors feature integrated banding platform, crimp, rear-releaseable size #20 or #22 contacts. Intermateable with standard M24308-type D-Subminiature connectors, the HiPer-D® features a rugged machined aluminum shell, waterproof sealing and optional ground springs for improved resistance to electromagnetic interference. Gold-plated size #20 contacts conform to M39029/64-369 and accept #20 to #24 AWG wire. Gold-plated size #22 contacts conform to M39029/58-360 and accept #22 to #28 AWG wire. Contacts are packaged with connector. Terminate contacts with crimp tools purchased separately. Glass-reinforced thermoset epoxy insulators, copper alloy retention clips. Fluorosilicone face seal and rear grommet meet IP67 immersion requirement. 1000 VAC, 5 Amps (#22) or 7.5 Amps (#20).

### Materials and Finishes
- Shell: Aluminum alloy
- Contacts: Copper alloy, 50 microin. gold plated
- Insulators: Thermoset epoxy
- Retention Clips: Copper alloy
- Grommet and Seal: Fluorosilicone rubber
- EMI Spring: Copper alloy, nickel plated
- Hardware: 300 series stainless steel

### Specifications
- Current Rating: #22 5 AMPS, #20 7.5 AMPS
- Test Voltage: 1000 VAC RMS
- Insulation Resistance: 5000 megohms minimum
- Operating Temperature: -65° C. to +200° C.
- Ingress Protection: IP 67
- Shock: 300 g.
- Vibration, Random: 43.92 g.
NOTES

1. HiPer-D® connectors are available with a wide variety of materials and finishes. See About Series 28 HiPer-D® Shell Plating Options for additional choices. Glenair offers the industry’s widest selection of plating and material choices with no setup charge, no minimum order quantity and no schedule impact.

2. For panel cutout dimensions, refer to Panel Cutouts and Printed Circuit Board Footprints.

3. Connectors are supplied with crimp contacts per M39029. Contacts are not installed. Refer to HiPer-D® Contacts and Crimp Tools for contact part numbers, specifications, crimp tool information, and insertion/extraction tools.

4. HiPer-D® connectors meet the requirements of MIL-DTL-24308 and are intermateable with standard M24308-type D-Subminiature connectors with corresponding contact arrangements and type.

5. Additional electrical, mechanical and environmental specifications are listed in HiPer-D® Product Specification.