# ZH8525 Bayonet Circular Connectors (26482 Series II Type)

26482 Series II type · bayonet · to +200 °C



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|---|---|
| **Coupling** | Bayonet |
| **Contact sizes** | 20, 16, 12 (7.5–23 A) |
| **Temperature** | –55 to +200 °C |
| **Withstanding voltage** | 1500 / 2300 V |

## Key features

- Built to GJB 598A Series II, the counterpart of MIL-DTL-26482 Series II
- Quick bayonet coupling with wave-spring lock
- Grommet seals each wire against fluid, dust and moisture; interfacial seal at the mating face
- Hermetic receptacles: ≤ 1 × $10^{-7}$ Pa·m³/s at 0.1 MPa
- Bulkhead feed-through receptacles mate with a plug on each side
- Anti-rotation teeth hold the cable clamp

## Specifications

**Electrical**

| Parameter | Value | Condition |
|---|---|---|
| **Withstanding voltage, condition I** | 1500 / 375 V | Sea level / 21,000 m |
| **Withstanding voltage, condition II** | 2300 / 500 V | Sea level / 21,000 m |
| **Insulation resistance** | ≥ 5000 MΩ / ≥ 100 MΩ | Normal / humidity |

**Environmental**

| Parameter | Value | Condition |
|---|---|---|
| **Operating temperature** | –55 to +200 °C | |
| **Hermetic leak rate** | ≤ 1 × $10^{-7}$ Pa·m³/s | 0.1 MPa, hermetic receptacles |
| **Salt spray** | 48 h or 500 h | By finish |
| **Humidity** | 95–98 %, +40 to +65 °C | |

## Contact sizes and current ratings

| Contact size | Engaging diameter | Contact resistance | Contact resistance (hermetic) | Current rating |
|---|---|---|---|---|
| **20** | 1.0 mm | ≤ 7.4 mΩ | ≤ 14 mΩ | 7.5 A (5 A hermetic) |
| **16** | 1.6 mm | ≤ 3.8 mΩ | ≤ 6.5 mΩ | 13 A (10 A hermetic) |
| **12** | 2.4 mm | ≤ 2.2 mΩ | ≤ 3.8 mΩ | 23 A (17 A hermetic) |

## Standards

- **GJB 598A Series II** — Chinese counterpart of MIL-DTL-26482 Series II.

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Request a quote or drawing: https://sinoxh.com/request-a-quote/?product=ZH8525