**Material and Finish**

Body: PBT Thermoplastic
UL94V-0 Rated
Color - Black

Cover: PBT Thermoplastic
UL94V-0 Rated
Color - Black

Bushing: Brass, Nickel Plated

Terminals and Contacts: Phosphor Bronze

Coil Springs: Spring Steel

**Mechanical Characteristics**

Insertion Force: 0.4kg - 3.0kg

Extraction Force: 0.3kg - 3.0kg

Durability: 5000 Mating Cycles

**Electrical Characteristics**

Contact Rating: 0.3 Amps at 16V DC

Insulation Resistance: 100 Megohms min. at 500V DC

Contact Resistance:
- Before Durability Test
  - To Terminals: 30 milliohms Max.
  - To Sleeve: 50 milliohms Max.
- After Durability Test
  - To Terminals: 60 milliohms Max.
  - To Sleeve: 100 milliohms Max.

Dielectric Strength: 500V AC RMS for one Minute

Operating Temp: -25°C to +80°C

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**Specifications**

- **Dimensions:**
  - Ø3.60±0.05
  - Ø6.00
  - 3-Ø1.90

- **Tolerances:**
  - X.X ± 0.25
  - X.X ± 0.15

- **Material:**
  - Body: PBT Thermoplastic
  - Cover: PBT Thermoplastic
  - Bushing: Brass, Nickel Plated
  - Terminals and Contacts: Phosphor Bronze
  - Coil Springs: Spring Steel

- **Insulation Resistance:** 100 Megohms min. at 500V DC

- **Contact Resistance:**
  - Before Durability Test:
    - To Terminals: 30 milliohms Max.
    - To Sleeve: 50 milliohms Max.
  - After Durability Test:
    - To Terminals: 60 milliohms Max.
    - To Sleeve: 100 milliohms Max.

- **Dielectric Strength:** 500V AC RMS for one Minute

- **Operating Temp:** -25°C to +80°C