*Image for illustrative purpose only*

# Summary

Request a quote

Catalog

| | |
|---|---|
| Number of contacts Low Voltage | 3 |
| Wire Size/AWG | 32 - 24 |
| Plug | Plug - Straight |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 5.30 - 6.20 mm |
| Size | 0S |
| Suggested matching part | ERA.0S.303.CLL |
| Series | S - Indoor Stepped Insert |

# Technical details

**Electrical Configuration**

| | |
|---|---|
| Number of contacts Low Voltage | 3 |
| Contact Termination Low voltage | Solder |
| R (max) | 6.1 mOhm |
| Insert configuration value | 0S.303 - 3 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 7 A |
| Test voltage (kV DC) | 1.5 |
| Max. Solid Conductor | 0.25 mm^2 (AWG 24) |
| Max. Stranded Conductor | 0.14 mm^2 (AWG 26) |
| Bucket Dia. | 0.6 mm (0.024in) |
| Contact Dia. | 0.7 mm (0.028in) |
| Wire Size/AWG | 32 - 24 |

**Form & Material**

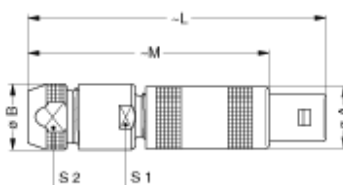| | |
|---|---|
| Shell style / Model id | FFA - Straight plug with oversize cable collet |
| Plug | Straight |
| Housing material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Locking system | Push-pull |
| Keying | Hermaphroditic keying (half moon insert) with male pin 1 |
| Colour | Grey |
| Weight | 11.25 g |

## Environment

| | |
|---|---|
| Technical domain | Audio Video, Energy and Industrial, Semiconductor, Test and Measurement |
| Environmental sealing (IP rating) | IP50 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +250°C (max. temperature valid for short periods of use.) |
| Climatical Category | 50/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 75 dB (10 MHz) |
| Shielding (min) | 40 dB (1 GHz) |
| Shock Resistance | 100 g [ 6 ms] |
| Vibration | 15 g [10 Hz - 2000 Hz] |
| Salt Spray Corrosion | >1000 hr |

## Cable fixation

| | |
|---|---|
| Cable termination protection | Standard back nut (no additional protection) |
| Fixation type | Cable collet |
| Jacket cable outside diameter [mm] | 5.30 - 6.20 mm |

# Drawings



## Dimensions

| | B | L | M | S1 | S2 | A |
|---|---|---|---|---|---|---|
| mm. | 10 | 45.5 | 35.5 | 9 | 8.5 | 9 |
| in. | 0.39 | 1.79 | 1.4 | 0.35 | 0.33 | 0.35 |

# Recommended By Lemo

## Accessories

Compatible cap                                        BFG.0B.100.PCZG