

SUMMARY

Wires

| | |
|---------|---|
| Low | 2 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



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| | |
|------------------|----------------|
| Series | 0S |
| Termination type | Male solder |
| IP rating | 50 |
| Cable Ø | 3.30 - 4.10 mm |
| Matching parts | ERA.0S.302.CLL |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FFA*: Straight plug, cable collet |
| Keying | Hermaphroditic keying ("half moon" insert), plug has male pin 1 |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | C42: 3.3 - 4.1 mm |
| Variant | |

Performance

| | |
|---------------|--|
| Configuration | 0S.302 : 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 10 Amps |

Specifications

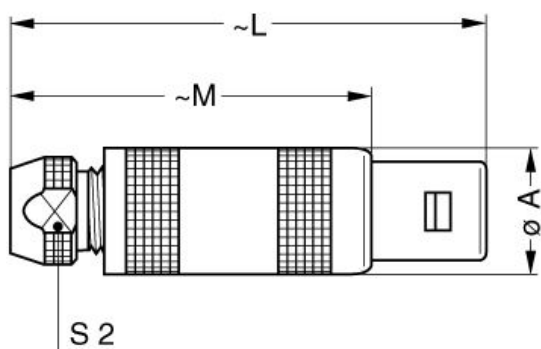
| | |
|-----------------------|-------------------------------|
| Contact Type: | Solder |
| Max. Matings: | 5000 |
| Contact Dia.: | 0.9 mm (0.0354in) |
| Bucket Dia.: | 0.8 mm (0.031in) |
| Max. Solid Conductor: | 0.34 mm ² (AWG 22) |
| R (max): | 4.8 mOhm |
| Vtest: | 1500 V (AC), 2100 V (DC) |

Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Salt Spray Corrosion: >144 hr
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating: 50

DRAWINGS

Draws



Dimensions

| | A | C | L | M | S2 |
|-----|------|------|------|------|------|
| mm. | 9 | 4.2 | 34.5 | 24.5 | 6.5 |
| in. | 0,35 | 0,17 | 1,36 | 0,96 | 0,26 |

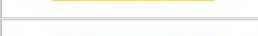
RECOMMENDED BY LEMO

Tools

Spanner wrench: MTZ.05.045.065

Cables

| | | | |
|---------|-----|------|---|
| 002 080 | PVC | Grey |  |
|---------|-----|------|---|

| | | | |
|--------------------|------------|---------------|--|
| 002 280 020 140 | PVC PVC | Black Grey |  |
| 020 140 | PVC | Grey |  |
| 020 141 | PVC | Grey |  |
| 020 142 | PVC | Red |  |
| 020 143 | PVC | Green |  |
| 020 144 | PVC | Black |  |
| 020 145 | PVC | Yellow |  |
| 020 146 | PVC | Black |  |
| 020 240 | PTFE | White |  |
| 020 264 | PVC | Black |  |
| 020 266 | PVC | Violet |  |