

SUMMARY

Wires

| | |
|---------|---|
| Low | 5 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



Image is for illustrative purpose only

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Series

| | |
|------------------|----------------|
| Termination type | Male solder |
| IP rating | 68 |
| Cable Ø | 3.60 - 4.00 mm |
| Matching parts | ERA.2E.305.CLL |
| Status | |
| Alternative part | |

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 | ∅ 3.6 - 4 mm |
| Variant | |

Performance

| | |
|---------------|--|
| Configuration | 2E.305 : 5 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 13 Amps |

Specifications

| | |
|--------------------------|------------------------------|
| Contact Type: | Solder |
| Max. Matings: | 5000 |
| Contact Dia.: | 1.3 mm (0.051in) |
| Bucket Dia.: | 1 mm (0.039in) |
| Max. Solid Conductor: | 0.5 mm ² (AWG 20) |
| Max. Stranded Conductor: | 0.5 mm ² (AWG 20) |

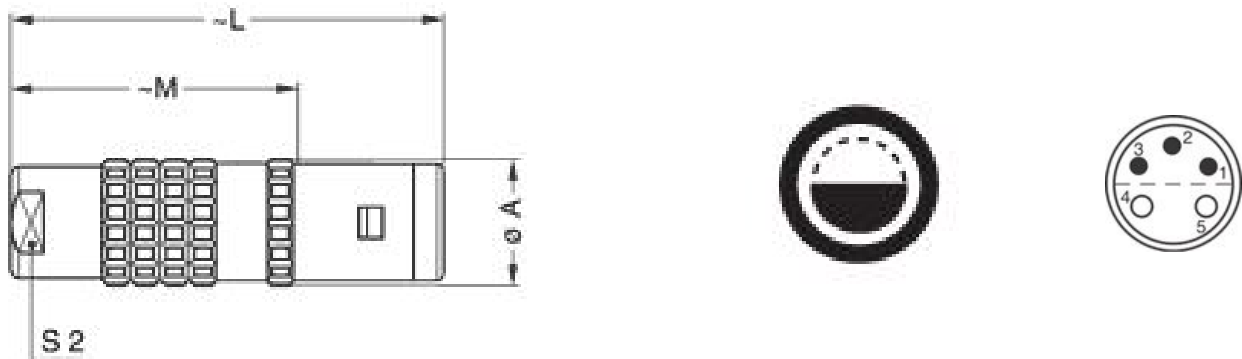
R (max): 3.6 mOhm
Vtest: 1500 V (AC), 2100 V (DC)

Others

Humidity (max): $\leq 95\%$ [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Salt Spray Corrosion: >1000 hr
Climatical Category: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
IP Rating: 68

DRAWINGS

Draws



Dimensions

| | A | L | M | S2 |
|-----|------|------|------|------|
| mm. | 16 | 52 | 36 | 12 |
| in. | 0,63 | 2,05 | 1,42 | 0,47 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.2E.020.PA120
Caps: BFA.2E.100.NAS

Cables

