

## SUMMARY

### # Wires

|         |   |
|---------|---|
| Low     | 0 |
| High    | 1 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |



*Image is for illustrative purpose only*

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|                  |                          |
|------------------|--------------------------|
| Series           | 1S                       |
| Termination type | Male solder High-Voltage |
| IP rating        | 50                       |
| Cable Ø          | 5.20 - 5.70 mm           |
| Matching parts   | ERA.1S.405.CLL           |
| Status           | NRND                     |
| Alternative part | FFB.1S.405.CLAC62        |

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FFB*: Straight plug, cable collet and safety locking ring                                   |
| Keying            |   |
| Housing Material  | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing      | C57: 5.2 - 5.7 mm   |
| Variant           |   |
| Weight            | 17.80 g   |

### Performance

|               |  |
|---------------|--|
| Configuration | 1S.405 : 1 High Voltage                                  |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 8 Amps   |

### Specifications

|                      |      |
|----------------------|------|
| Contact Type: Solder |      |
| Test voltage (kV DC) | 10.5 |
| Test voltage (kV AC) | 7.5  |

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Creepage dist.(mm): 10.5

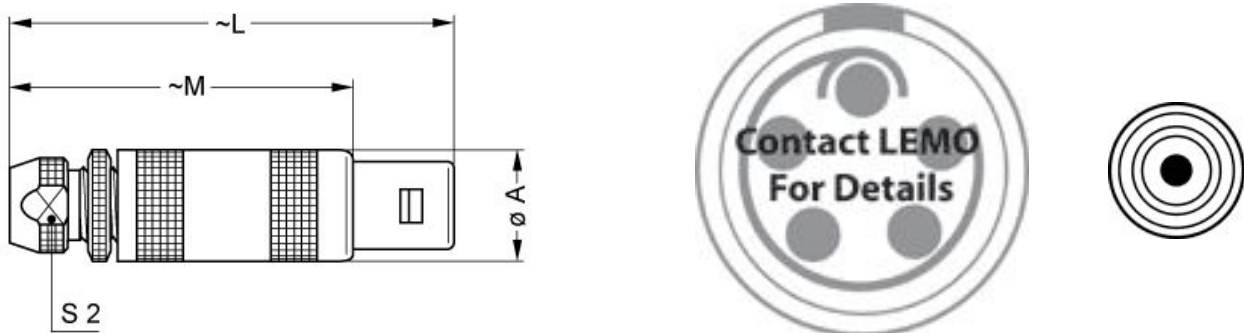
## Others

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

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## DRAWINGS

### Draws



### Dimensions

|     | A    | L    | M    | S2   |
|-----|------|------|------|------|
| mm. | 12   | 45   | 34   | 8.5  |
| in. | 0,47 | 1,77 | 1,34 | 0,33 |

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## RECOMMENDED BY LEMO

### Tools

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Spanner wrench: DCD.1S.015.PA085

## Cables

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