

## SUMMARY

### # Wires

Low voltage 7


*Image is for illustrative purpose only*

|                  |                                |
|------------------|--------------------------------|
| Series           | 2S                             |
| Termination type | Male solder                    |
| IP rating        | 50                             |
| AWG wire size    | 0.00 - 22.00                   |
| Cable Ø          | 6.30 - 7.20 mm                 |
| Status           | active                         |
| Matching parts   | <a href="#">ERA.2S.307.CLL</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FFA*: Straight plug, cable collet   |
| Keying            | Hermaphroditic keying (half moon insert) with male pin 1  |
| 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 |
| Weight            | 31.93 g   |

### Performance

|               |  |
|---------------|--|
| Configuration | 2S.307 : 3 (1.3 mm) + 4 (0.9 mm) Low Voltage |
| Insulator     | L: PEEK (UL 94 / V-0/1.5)                    |
| Rated Current |  |

### Specifications

|               |                         |
|---------------|-------------------------|
| Contact Type: | Solder                  |
| Vtest:        | 800 V (AC), 1200 V (DC) |
| Vtest:        | 800 V (AC), 1200 V (DC) |

### Others

|                    |                    |
|--------------------|--------------------|
| Endurance (Shell): | 5000 mating cycles |
| Temp (min / max):  | -55°C / +250°C     |

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Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [ 6 ms]

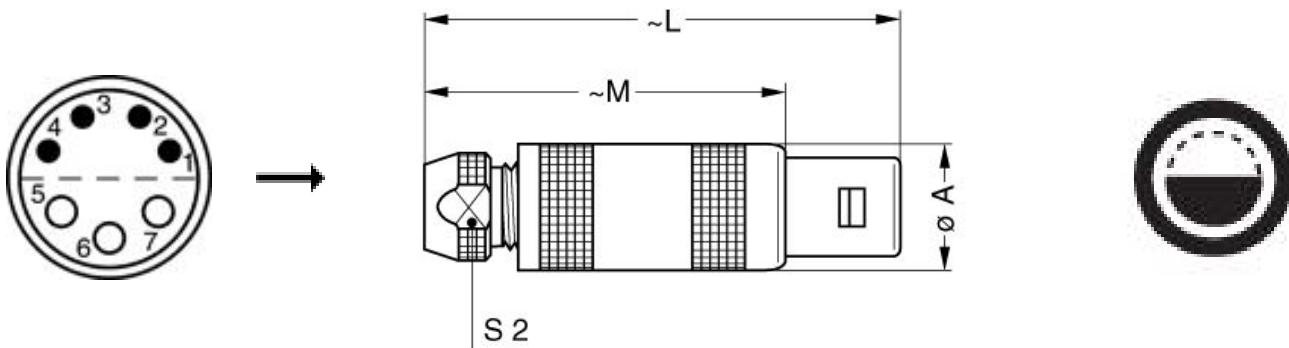
Climatical Category: 50/175/21

Shielding (min): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

Salt Spray Corrosion: >144 hr

## DRAWINGS



### Dimensions

|     | A    | L    | M    | S2   |
|-----|------|------|------|------|
| mm. | 14.8 | 52   | 40   | 11   |
| in. | 0,58 | 2,05 | 1,57 | 0,43 |

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.2S.025.PA110](#)

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