

SUMMARY

Wires



| | |
|-------------|----|
| Low voltage | 10 |
|-------------|----|

Image is for illustrative purpose only

| | |
|------------------|--------------------------------|
| Series | 2S |
| Termination type | Male solder |
| IP rating | 50 |
| AWG wire size | 30.00 - 22.00 |
| Cable Ø | 7.30 - 8.20 mm |
| Status | active |
| Matching parts | ERA.2S.310.CLL |

Download

[Request a quote](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FFA*: Straight plug, cable collet and nut for fitting a bend relief |
| 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 |
| Variant | Z : Nut for fitting a bend relief |
| Weight | 33.86 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 2S.310 : 10 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 7 Amps |

Specifications

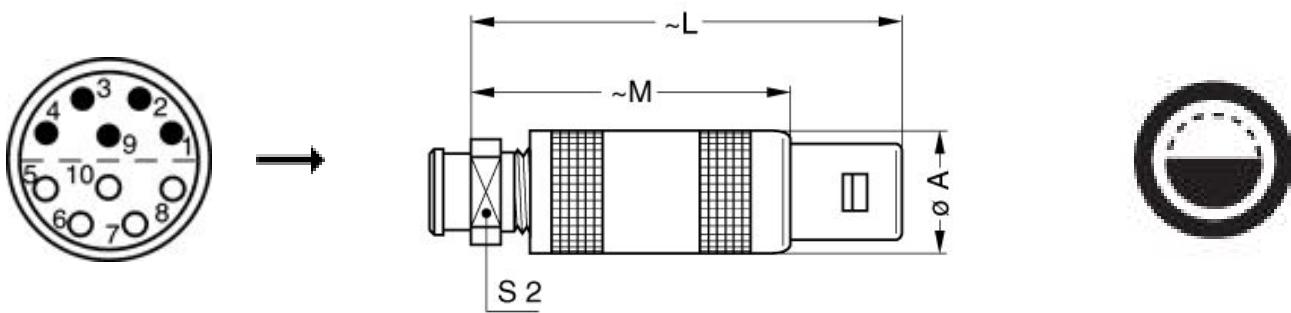
| | |
|-----------------------|-------------------------------|
| Contact Type: | Solder |
| Contact Dia.: | 0.9 mm (0.0354in) |
| Bucket Dia.: | 0.8 mm (0.031in) |
| Max. Solid Conductor: | 0.34 mm ² (AWG 22) |
| R (max): | 4.8 mOhm |
| Vtest: | 800 V (AC), 1200 V (DC) |

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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]
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 | 12 |
| in. | 0,58 | 2,05 | 1,57 | 0,47 |

RECOMMENDED BY LEMO

Tools

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

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Cables

| | | | |
|--------|-----|-------|---|
| 110220 | PVC | Black |  |
|--------|-----|-------|---|

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.