

SUMMARY

Wires

Low voltage 7



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 2B |
| Termination type | Male solder |
| IP rating | 50 |
| AWG wire size | 28.00 - 20.00 |
| Cable Ø | 7.30 - 8.20 mm |
| Status | obsolete |
| Alternative part | FPG.2B.307.CLAD82 |
| Matching parts | EGG.2B.307.CLL |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FH*: Elbow plug, cable collet |
| Keying | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| 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 | 40.63 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 2B.307 : 7 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 11 Amps |

Specifications

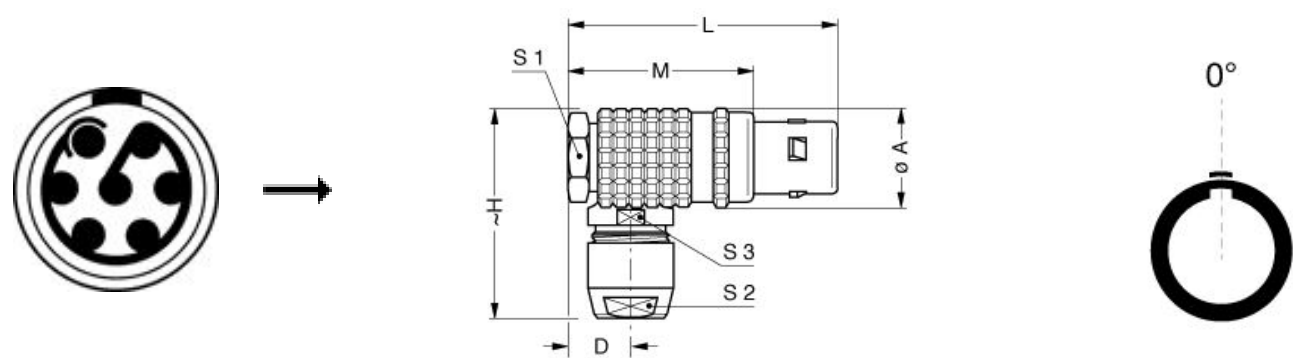
Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm
Vtest (contact-shell): 1600 V (AC), 2250 V (DC)
Vtest (contact-contact): 1750 V (AC), 2500 V (DC)

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Others

Endurance (Shell): 5000
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: >1000 hr

DRAWINGS



Dimensions

| | A | D | H | L | M | S1 | S2 | S3 |
|-----|------|------|------|------|------|------|------|------|
| mm. | 16.5 | 9 | 34 | 41.5 | 29.5 | 14 | 12 | 13 |
| in. | 0,65 | 0,35 | 1,34 | 1,63 | 1,16 | 0,55 | 0,47 | 0,51 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.2B.025.PA120](#)

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Cables

| | | | |
|--------------------|-----|------|---|
| 370500 | PVC | Grey |  |
| 717920 | PVC | Grey |  |
| CTR.75.030.121875G | PVC | Grey |  |

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