

## SUMMARY

### # Wires

|         |   |
|---------|---|
| Low     | 7 |
| High    | 0 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |

|                  |                |
|------------------|----------------|
| Series           | 0B             |
| Termination type | Male solder    |
| IP rating        | 50             |
| Cable Ø          | 4.30 - 5.20 mm |
| Matching parts   | EGG.0B.307.CLL |
| Status           | active         |
| Alternative part |                |



*Image is for illustrative purpose only*

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FP*: Elbow (90°) plug with cable collet for bend relief                                     |
| Keying            | 1 key (alpha=0, plug: male contacts, receptacle: female contacts)                           |
| Housing Material  | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing      | D52: 4.3 - 5.2 mm   |
| Variant           | Z : Nut for fitting a bend relief   |
| Weight            | 11.43 g   |

### Performance

|               |  |
|---------------|--|
| Configuration | 0B.307 : 7 Low Voltage                                   |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 2.5 Amps   |

### Specifications

|                      |
|----------------------|
| Contact Type: Solder |
| Max. Matings: 5000   |

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Contact Dia.: 0.5 mm (0.02in)  
Bucket Dia.: 0.45 mm (0.018in)  
Max. Solid Conductor: 0.09 mm^2 (AWG 28)  
Max. Stranded Conductor: 0.09 mm^2 (AWG 28)  
R (max): 8.7 mOhm  
Vtest (contact-shell): #700 V (AC), 990 V (DC)  
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

Others

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: >1000 hr  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
IP Rating: 50

DRAWINGS

Draws



Dimensions

|     | A    | H    | L    | M    | S1   | S2   | S3   |
|-----|------|------|------|------|------|------|------|
| mm. | 9.5  | 26.5 | 30   | 20   | 8    | 7    | 8    |
| in. | 0,37 | 1,04 | 1,18 | 0,79 | 0,31 | 0,28 | 0,31 |

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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: DCD.0B.005.PA070

## Cables

|                    |     |       |   |
|--------------------|-----|-------|---|
| CMN.07.T28.044PGCE | PVC | GREY  |  |
| CMN.07.T28.044PGZE |     | Grey  |  |
| CMN.07.T28.044PNCE | PVC | Black |  |
| CMN.07.T28.044PNZE |     |       |  |

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