

## SUMMARY

### # Wires

|         |   |
|---------|---|
| Low     | 5 |
| High    | 0 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |



*Image is for illustrative purpose only*

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### Series

|                  |                |
|------------------|----------------|
| Termination type | Male crimp     |
| IP rating        | 50             |
| Cable Ø          | 4.30 - 5.20 mm |
| Matching parts   | EGG.0B.305.CLL |
| Status           | active         |
| Alternative part |                |

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FP*: Elbow (90°) plug with cable collet   |
| 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      | 4.3 - 5.2 mm  |
| Variant           |   |

### Performance

|               |                            |
|---------------|----------------------------|
| Configuration | 0B.305 : 5 Low Voltage     |
| Insulator     | Y: PEEK for crimp contacts |
| Rated Current | 6.5 Amps                   |

### Specifications

|                         |
|-------------------------|
| Contact Type: Crimp     |
| Max. Matings: 5000      |
| Contact Retention: 22 N |

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Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Min. Conductor: 0.14 mm^2 (AWG 26)  
Max. Conductor: 0.34 mm^2 (AWG 22)  
R (max): 6.1 mOhm  
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

Others

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  | 23   | 30   | 20   | 8    | 7    | 8    |
| in. | 0,37 | 0,91 | 1,18 | 0,79 | 0,31 | 0,28 | 0,31 |

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# RECOMMENDED BY LEMO

## Tools

Crimp Tool: DPC.91.701.V  
Crimp settings: AWG/Selector = 22-24-26/6-5-5  
Positionner: DCE.91.070.BVC  
Extractor: DCF.92.070.3LT  
Replacement contact: FGG.0B.555.ZZC  
Spanner wrench: DCD.0B.005.PA070

## Cables

|                    |               |       |   |
|--------------------|---------------|-------|---|
| CMN.05.T22.051PGCE | PVC           | GREY  |  |
| CMN.05.T22.051PGZE |               | Grey  |  |
| CMN.05.T22.051PNCE | PVC           | Black |  |
| CMN.05.T22.051PNZE |               |       |  |
| CMN.05.T22.051QGZE | TPR (medical) | Grey  |  |
| 050 090            | PVC           | Black |   |
| 050 140            | PVC           | Grey  |  |

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