

## SUMMARY

### # Wires

|         |   |
|---------|---|
| Low     | 4 |
| High    | 0 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |



*Image is for illustrative purpose only*

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|                  |                   |
|------------------|-------------------|
| Series           | 0B                |
| Termination type | Female solder     |
| IP rating        | 68                |
| Cable Ø          | 0.00 - 0.00 mm    |
| Matching parts   | FGG.0B.304.CLAD21 |
| Status           |                   |
| Alternative part |                   |

## TECHNICAL DETAILS

### Mechanics

|                   |  |
|-------------------|--|
| Shell Style/Model | HM*: Fixed receptacle with grounding tab, nut fixing, watertight or vacuum-tight (back panel mounting) |
| 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      | ∅ 0 - 0 mm   |
| Variant           | P : Watertight   |

### Performance

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

### Specifications

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

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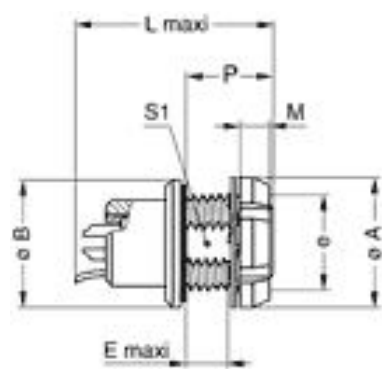
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm  
Vtest (contact-contact): 850 V (AC), 1200 V (DC)  
Vtest (contact-shell): 1100 V (AC), 1560 V (DC)

Others

Endurance (Shell): 5000  
Temp (min / max): -20°C / +100°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: >144 hr  
Climatical Category: 20/80/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Pressure: 60 bars  
IP Rating: 68

DRAWINGS

Draws



Dimensions

|     | A    | B    | E    | L    | M    | P    | S1   | e      |
|-----|------|------|------|------|------|------|------|--------|
| mm. | 12   | 13   | 4.7  | 21.5 | 2.5  | 9    | 8.2  | M9x0.6 |
| in. | 0,47 | 0,51 | 0,19 | 0,85 | 0,10 | 0,35 | 0,32 |        |







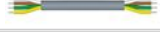




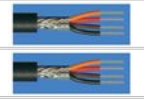
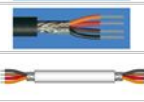

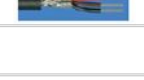







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# RECOMMENDED BY LEMO

## Tools

None

## Cables

|                    |               |       |   |
|--------------------|---------------|-------|---|
| CMN.04.T22.047PGCE | PVC           | GREY  |     |
| CMN.04.T22.047PGZE |               | Grey  |    |
| CMN.04.T22.047PNCE | PVC           | Black |     |
| CMN.04.T22.047PNZE |               |       |    |
| CMN.04.T22.047QGC  | TPR           | Grey  |   |
| CMN.04.T22.048QGZE | TPR (medical) | Grey  |    |
| CMN.04.T28.031PGCE | PVC           | GREY  |     |
| CMN.04.T28.031PGZE |               | Grey  |    |
| CMN.04.T28.031PNCE | PVC           | Black |     |
| CMN.04.T28.031PNZE |               |       |    |
| CMN.04.T28.031QGC  | TPR           | Grey  |   |
| 004 041            | PVC           | Grey  |     |
| 004 050            | PVC           | Black |   |
| 004 080            | PVC           | Grey  |   |
| 004 220            | PVC           | Black |  |
| 004 221            | PVC           | Black |  |
| 004 260            | PTFE          | White |  |
| 004 280            | PVC           | Black |  |
| 040 080            | PVC           | Black |   |
| 040 086            | PVC           | Blue  |   |
| 040 140            | PVC           | Black |  |
| 040 240            | PTFE          | White |  |
| 040 260            | PVC           | Black |  |
| 080 080            | PVC           | Grey  |   |
| 080 082            | PVC           | Red   |   |
| 080 084            | PVC           | Black |   |
| 140 240            | PVC           | Black |  |
| 140 250            | PVC           | Grey  |   |
| 417 920            | PVC           | Grey  |   |
| CTR.75.030.121870G | PVC           | Grey  |   |

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