

## SUMMARY

### # Wires

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



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|                  |                    |
|------------------|--------------------|
| Series           | 0B                 |
| Termination type | Male solder        |
| IP rating        | 50                 |
| Cable Ø          | 0.00 - 0.00 mm     |
| Matching parts   | PHG.0B.304.CLLD21Z |

## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Shell Style/Model | FA*: Fixed plug, non-latching, nut fixing                                                   |
| 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      | Ø 0 - 0 mm                                                                                  |
| Variant           |                                                                                             |

### Performance

|               |                                                          |
|---------------|----------------------------------------------------------|
| Configuration | 0B.304 : 4 Low Voltage                                   |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 7 Amps                                                   |

### Specifications

|                                                        |
|--------------------------------------------------------|
| Contact Type: Solder                                   |
| Max. Matings: 5000                                     |
| Contact Dia.: 0.7 mm (0.028in)                         |
| Bucket Dia.: 0.8 mm (0.031in)                          |
| Max. Stranded Conductor: 0.34 mm <sup>2</sup> (AWG 22) |
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| 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): -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    | B    | E    | L    | M    | N    | S1   | S3   | e      |
|-----|------|------|------|------|------|------|------|------|--------|
| mm. | 10   | 12.5 | 4.2  | 20.8 | 11.5 | 18.9 | 8.2  | 11   | M9x0.6 |
| in. | 0,39 | 0,49 | 0,17 | 0,82 | 0,45 | 0,74 | 0,32 | 0,43 |        |

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  |   |