

## SUMMARY



*Image is for illustrative purpose only*

### # Wires

|         |   |
|---------|---|
| Low     | 2 |
| High    | 0 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |

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|                  |                    |
|------------------|--------------------|
| Series           | 2B                 |
| Termination type | Male solder        |
| IP rating        | 50                 |
| Cable Ø          | 0.00 - 0.00 mm     |
| Matching parts   | FGJ.2B.302.CLLD99Z |
| Status           | active             |
| Alternative part |                    |

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | EG*: Fixed receptacle, nut fixing   |
| Keying            | 2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)                       |
| Housing Material  | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing      | ∅ 0 - 0 mm  |
| Variant           |   |
| Weight            | 13.47 g   |

### Performance

|               |  |
|---------------|--|
| Configuration | 2B.302 : 2 Low Voltage                                   |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 25 Amps  |

### Specifications

|                              |
|------------------------------|
| Contact Type: Solder         |
| Max. Matings: 5000           |
| Contact Dia.: 2 mm (0.079in) |

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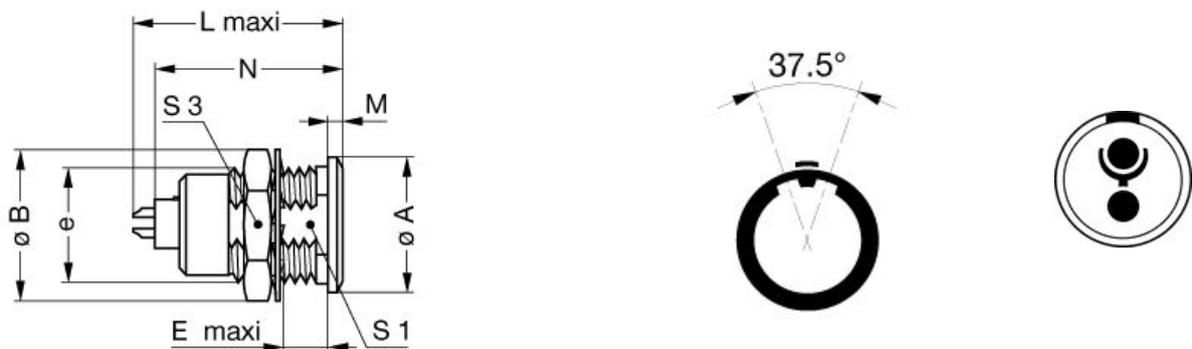
Bucket Dia.: 1.8 mm (0.071in)  
 Max. Solid Conductor: 1.5 mm<sup>2</sup> (AWG 14)  
 Max. Stranded Conductor: 1.5 mm<sup>2</sup> (AWG 16)  
 R (max): 3.3 mOhm  
 Vtest (contact-shell): 1750 V (AC), 2500 V (DC)  
 Vtest (contact-contact): 2100 V (AC), 2970 V (DC)

## 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    | B    | E    | L    | M    | N    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 18   | 19.5 | 8.5  | 26.7 | 1.8  | 24.6 | 13.5 | 17   | M15x1.0 |
| in. | 0,71 | 0,77 | 0,33 | 1,05 | 0,07 | 0,97 | 0,53 | 0,67 |         |

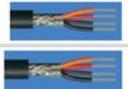
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# RECOMMENDED BY LEMO

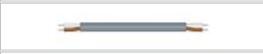
## Tools

None

## Cables

|                    |               |       |   |
|--------------------|---------------|-------|---|
| CMN.02.T14.072PGCE | PVC           | GREY  |     |
| CMN.02.T14.072PGZE |               | Grey  |    |
| CMN.02.T14.072PNCE | PVC           | Black |     |
| CMN.02.T14.072PNZE |               | Black |    |
| CMN.02.T14.072QGZE | TPR (medical) | Grey  |    |
| CMN.02.T14.078PGCE | PVC           | GREY  |     |
| CMN.02.T14.078PGZE |               | Grey  |    |
| CMN.02.T14.078PNCE | PVC           | Black |     |
| CMN.02.T14.078PNZE |               |       |    |
| CMN.02.T18.064UNCU |               |       |   |
| CMN.02.T20.047PGCE | PVC           | GREY  |     |
| CMN.02.T20.047PGZE |               | Grey  |    |
| CMN.02.T20.047PNCE | PVC           | Black |     |
| CMN.02.T20.047PNZE |               |       |  |
| CMN.02.T20.048QGZE | TPR (medical) | Grey  |  |
| CMN.02.T22.047PGCE | PVC           | GREY  |   |
| CMN.02.T22.047PGZE |               | Grey  |  |
| CMN.02.T22.047PNCE | PVC           | Black |   |
| CMN.02.T22.047PNZE |               |       |  |
| CMN.02.T28.030PGCE | PVC           | GREY  |   |
| CMN.02.T28.030PGZE |               | Grey  |  |
| CMN.02.T28.030PNCE | PVC           | Black |   |
| CMN.02.T28.030PNZE |               |       |  |
| 002 050            | PVC           | Black |   |
| 002 080            | PVC           | Grey  |   |
| 002 200            | PVC           | Black |  |
| 002 221            | PVC           | Black |  |
| 002 260            | PTFE          | White |  |
| 002 280            | PVC           | Black |  |
| 004 082            | PVC           | Grey  |   |
| 020 140            | PVC           | Grey  |   |
| 020 140            | PVC           | Grey  |   |
| 020 141            | PVC           | Grey  |  |
| 020 142            | PVC           | Red   |   |

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|                   |      |        |  |
|-------------------|------|--------|--|
| 020 143           | PVC  | Green  |     |
| 020 144           | PVC  | Black  |    |
| 020 145           | PVC  | Yellow |    |
| 020 146           | PVC  | Black  |    |
| 020 240           | PTFE | White  |    |
| 020 260           | PVC  | Black  |    |
| 020 264           | PVC  | Black  |    |
| 020 266           | PVC  | Violet |    |
| 020 550           | PUR  | Black  |    |
| 020 560           | PUR  | White  |    |
| 102 080           | PVC  | Grey   |  |
| 120 184           | PVC  | Black  |    |
| 120 240           | PVC  | Black  |    |
| 120 250           | PVC  | Grey   |    |
| 120 500           | PVC  | Grey   |    |
| 120 501           | PVC  | Grey   |   |
| 120 751           | PVC  | Grey   |  |
| 220 151           | PVC  | Grey   |  |
| 220 750           | PVC  | Grey   |  |
| 320 150           | PVC  | Grey   |  |
| CCX.50.RG1.74U30B | TFE  | White  |  |
| CMB.02.210.635    | PUR  | Black  |  |

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