

## SUMMARY

### # Wires

|                  |                |
|------------------|----------------|
| Low              | 2              |
| High             | 0              |
| Coax             | 0              |
| Triax            | 0              |
| Quad             | 0              |
| Fiber            | 0              |
| Fluidic          | 0              |
| Series           | 00             |
| Termination type | Male solder    |
| IP rating        | 50             |
| Cable Ø          | 2.80 - 3.50 mm |
| Matching parts   | EGG.00.302.CLL |



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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Shell Style/Model | FG*: Straight plug, cable collet and nut for fitting a 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      | D35: 2.8 - 3.5 mm                                                                           |
| Variant           | Z : Nut for fitting a bend relief                                                           |

### Performance

|               |                                                          |
|---------------|----------------------------------------------------------|
| Configuration | 0.302 : 2 Low Voltage                                    |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 5 Amps                                                   |

### Specifications

|                                                        |
|--------------------------------------------------------|
| Contact Type: Solder                                   |
| Max. Matings: 5000                                     |
| Contact Dia.: 0.5 mm (0.02in)                          |
| Bucket Dia.: 0.4 mm (0.016in)                          |
| Max. Solid Conductor: 0.09 mm <sup>2</sup> (AWG 28)    |
| Max. Stranded Conductor: 0.05 mm <sup>2</sup> (AWG 30) |
| R (max): 8.7 mOhm                                      |
| Vtest (contact-shell): 950 V (AC), 1340 V (DC)         |

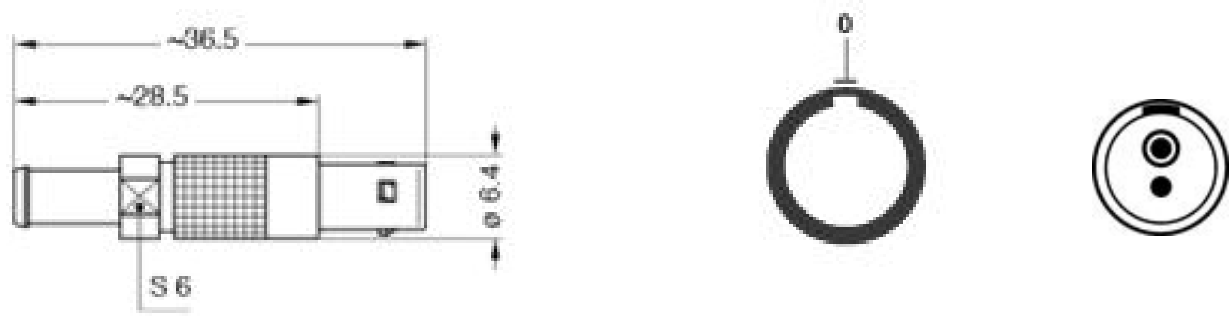
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

Others

IP Rating: 50

DRAWINGS

Draws



Dimensions

|     | A    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 6.4  | 28.5 | 20.7 | 5.5  | 6    |
| in. | 0,25 | 1,12 | 0,81 | 0,22 | 0,24 |

RECOMMENDED BY LEMO

Tools

Caps: BFG.00.100.PCSG

Cables

|                    |     |       |  |
|--------------------|-----|-------|--|
| CMN.02.T28.030PGCE | PVC | GREY  |  |
| CMN.02.T28.030PGZE |     | Grey  |  |
| CMN.02.T28.030PNCE | PVC | Black |  |
| CMN.02.T28.030PNZE |     |       |  |
| 002 080            | PVC | Grey  |  |
| CCX.50.RG1.74U30B  | TFE | White |  |

