

## SUMMARY



Image is for illustrative purpose only

### # Wires

|         |   |
|---------|---|
| Low     | 7 |
| High    | 0 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |

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|                  |                |
|------------------|----------------|
| Series           | 0K             |
| Termination type | Female solder  |
| IP rating        | 68             |
| Cable Ø          | 0.00 - 0.00 mm |
| Matching parts   |                |
| Status           | active         |
| Alternative part |                |

## TECHNICAL DETAILS

### Mechanics

|                   |  |
|-------------------|--|
| Shell Style/Model | HG*: Fixed receptacle, nut fixing, watertight or vacuum-tight                              |
| Keying            | 1 key (alpha=0, plug: male contacts, receptacle: female contacts)                          |
| Housing Material  | Brass (black chrome) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing      | ∅ 0 - 0 mm   |
| Variant           | P : Watertight   |
| Weight            | 12.67 g  |

### Performance

|               |  |
|---------------|--|
| Configuration | 0K.307 : 7 Low Voltage                                   |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 2.5 Amps   |

### Specifications

Contact Type: Solder  
Max. Matings: 3000

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Contact Dia.: 0.5 mm (0.02in)  
 Bucket Dia.: 0.45 mm (0.018in)  
 Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
 Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
 R (max): 8.7 mOhm  
 Vtest (contact-shell): 700 V (AC), 990 V (DC)  
 Vtest (contact-contact): 800 V (AC), 1130 V (DC)

## Others

Endurance (Shell): 5000 mating cycles  
 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): 95 dB (10 MHz)  
 Shielding (min): 80 dB (1 GHz)  
 Pressure: 60 bars  
 IP Rating: 68

## DRAWINGS

### Draws



### Dimensions

|     | A    | B    | E    | L    | M    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 18   | 19.5 | 5.5  | 21.7 | 4    | 12.5 | 17   | M14x1.0 |
| in. | 0,71 | 0,77 | 0,22 | 0,85 | 0,16 | 0,49 | 0,67 |         |









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# RECOMMENDED BY LEMO

## Tools

None

## Cables

|                    |     |       |   |
|--------------------|-----|-------|---|
| CMN.07.S34.027JGC  |     |       |   |
| CMN.07.T28.044PGCE | PVC | GREY  |   |
| CMN.07.T28.044PGZE |     | Grey  |  |
| CMN.07.T28.044PNCE | PVC | Black |   |
| CMN.07.T28.044PNZE |     |       |  |
| 007 041            | PVC | Grey  |   |
| 007 050            | PVC | Black |   |
| 717 920            | PVC | Grey  |   |
| CTR.75.030.121875G | PVC | Grey  |   |

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