

## SUMMARY

### # Wires

|         |   |
|---------|---|
| Low     | 6 |
| High    | 0 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |



*Image is for illustrative purpose only*

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### Series

|                  |                |
|------------------|----------------|
| Termination type | Male solder    |
| IP rating        | 50             |
| Cable Ø          | 5.30 - 6.50 mm |
| Matching parts   | PLG.M0.6TL.LN  |
| Status           | active         |
| Alternative part |                |

## TECHNICAL DETAILS

### Mechanics

|                   |  |
|-------------------|--|
| Shell Style/Model | PA*: Straight plug with cable collet and nut for fitting a bend relief |
| Keying            | 1 key (alpha=0; Plug: male contact; Receptacle: female contact)        |
| Housing Material  | PEI (Polyetherimide), black  |
| Cable Fixing      | ∅ 5.3 - 6.5 mm   |
| Variant           | N : Black collet nut for bend relief                                   |

### Performance

|               |                        |
|---------------|------------------------|
| Configuration | 1P.M06 : 6 Low Voltage |
| Insulator     |                        |
| Rated Current | 6 Amps                 |

### Specifications

|                                 |
|---------------------------------|
| Contact Type: Solder            |
| Max. Matings: 2000              |
| Contact Dia.: 0.7 mm (0.0275in) |

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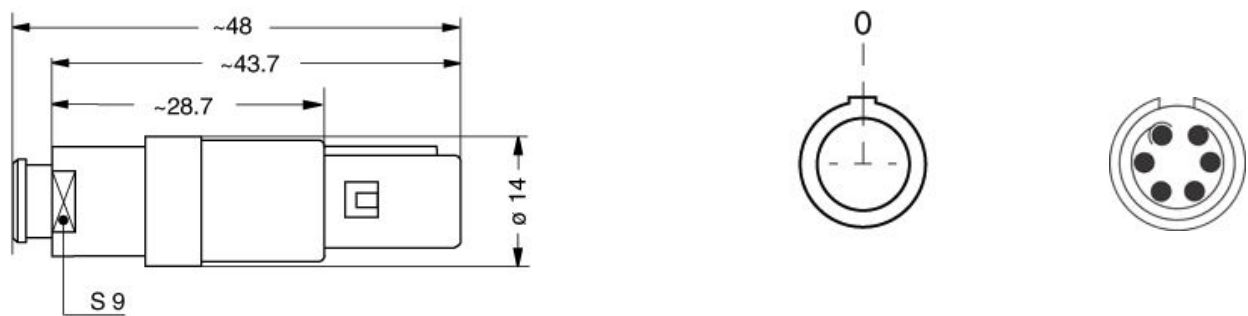
Bucket Dia.: 0.6 mm (0.024in)  
Max. Solid Conductor: 0.14 mm^2 (AWG 26)  
Max. Stranded Conductor: 0.14 mm^2 (AWG 26)  
R (max): 6.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.05  
Air clearance min. (mm) or Creepage distance min. (mm): 0.85

Others

F ret (min): 50 N  
F ret (max): 150 N  
IP Rating: 50

DRAWINGS

Draws



Dimensions

|     |      |      |    |
|-----|------|------|----|
|     | A    | L    | S1 |
| mm. | 14   | 48   | S9 |
| in. | 0,55 | 1,89 |    |

RECOMMENDED BY LEMO

Tools

None

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Cables

|         |     |      |   |
|---------|-----|------|---|
| 012 080 | PVC | Grey |   |
| 260 250 | PVC | Grey |  |

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