

SUMMARY

Wires

Low voltage 14



Image is for illustrative purpose only

| | |
|------------------|-------------------------------|
| Series | 1P |
| Termination type | Male solder |
| IP rating | 50 |
| AWG wire size | 0.00 - 28.00 |
| Cable Ø | 4.00 - 5.20 mm |
| Status | active |
| Matching parts | PLG.M1.4TL.LN |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PA*: Straight plug with cable collet |
| Keying | 1 key (alpha=0; Plug: male contact; Receptacle: female contact) |
| Housing Material | PEI (Polyetherimide), black |
| Variant | N : Black collet nut |
| Weight | 5.06 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 1P.M14 : 14 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 2 Amps |

Specifications

| | |
|--|-------------------------------|
| Contact Type: | Solder |
| Contact Dia.: | 0.5 mm (0.0201in) |
| Bucket Dia.: | 0.45 mm (0.018in) |
| Max. Solid Conductor: | 0.09 mm ² (AWG 28) |
| Max. Stranded Conductor: | 0.09 mm ² (AWG 28) |
| R (max): | 8.5 mOhm |
| Test voltage (kV rms) Contact-contact: | 0.6 |

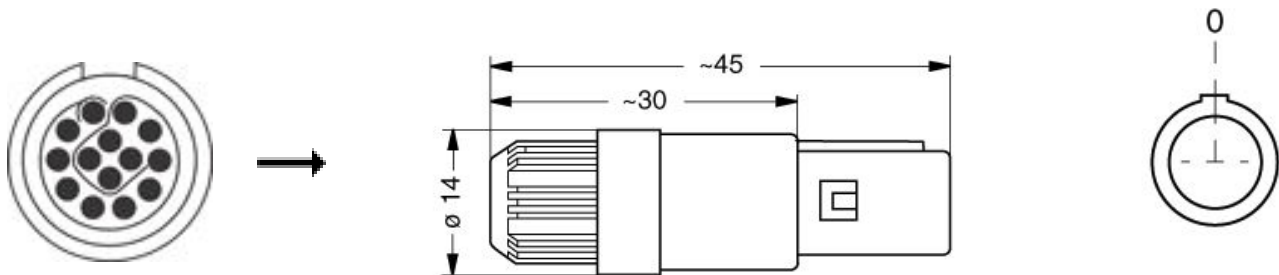
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Air clearance min.: 0.5 mm
Creepage distance min.: 0.5 mm

Others

Endurance (Shell): >2000 mating cycles
Temp (min / max): -50°C / +170°C
F ret (min): 50 N
F ret (max): 150 N
Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



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Tools

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