

SUMMARY

Wires

| | |
|-------------|---|
| Low voltage | 7 |
|-------------|---|



Image is for illustrative purpose only

| | |
|------------------|--------------------------------|
| Series | 1K |
| Termination type | Male solder |
| IP rating | 68 |
| AWG wire size | 30.00 - 22.00 |
| Cable Ø | 4.60 - 5.00 mm |
| Status | active |
| Matching parts | EGG.1K.307.CLL |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FH*: Elbow plug, cable collet |
| Keying | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Housing Material | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Weight | 35.40 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 1K.307 : 7 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 7 Amps |

Specifications

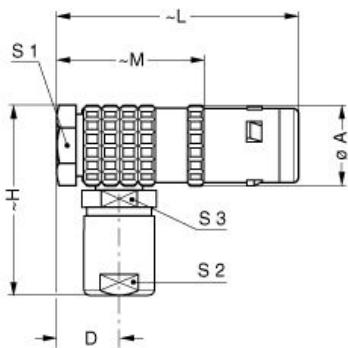
| | |
|--------------------------|-------------------------------|
| Contact Type: | Solder |
| Contact Dia.: | 0.7 mm (0.028in) |
| Bucket Dia.: | 0.8 mm (0.031in) |
| Max. Stranded Conductor: | 0.34 mm ² (AWG 22) |
| Max. Conductor: | 0.34 mm ² (AWG 22) |
| R (max): | 6.1 mOhm |
| Vtest (contact-shell): | 1050 V (AC), 1490 V (DC) |
| Vtest (contact-contact): | 950 V (AC), 1340 V (DC) |

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Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

| | A | D | H | L | M | S1 | S2 | S3 |
|-----|------|------|------|------|------|------|------|------|
| mm. | 14 | 8.8 | 33 | 43 | 29 | 12 | 9 | 10 |
| in. | 0,55 | 0,35 | 1,30 | 1,69 | 1,14 | 0,47 | 0,35 | 0,39 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1E.008.PA090](#)

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Cables

| | | | |
|-------|-----|------|---|
| 70140 | PVC | Grey |  |
|-------|-----|------|---|

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