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# PHG.0T.305.CLCC50Z

## SUMMARY

### # Wires

|         |   |
|---------|---|
| Low     | 5 |
| High    | 0 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |



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|                  |                    |
|------------------|--------------------|
| Series           | 0T                 |
| Termination type | Female solder      |
| IP rating        | 68                 |
| Cable Ø          | 4.60 - 5.00 mm     |
| Matching parts   | FGG.0T.305.CLAC50Z |

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | PH*: Free receptacle, 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      | ∅ 4.6 - 5 mm  |
| Variant           | Z : Nut for fitting a bend relief   |

### Performance

|               |          |
|---------------|----------|
| Configuration |          |
| Insulator     |          |
| Rated Current | 6.5 Amps |

### Specifications

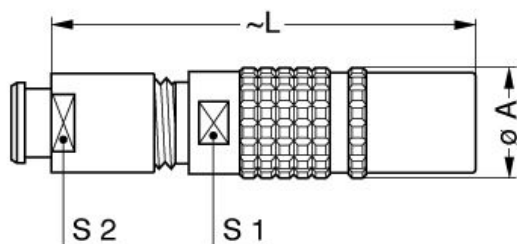
|                          |                               |
|--------------------------|-------------------------------|
| Contact Type:            | Solder                        |
| Max. Matings:            | 5000                          |
| Contact Dia.:            | 0.7 mm (0.028in)              |
| Bucket Dia.:             | 0.8 mm (0.031in)              |
| Max. Solid Conductor:    | 0.34 mm <sup>2</sup> (AWG 22) |
| Max. Stranded Conductor: | 0.34 mm <sup>2</sup> (AWG 22) |
| R (max):                 | 6.1 mOhm                      |
| Vtest:                   | 700 V (DC)500 V (AC)          |

## Others

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]  
 Salt Spray Corrosion: >144 hr  
 Climatical Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 IP Rating: 68

## DRAWINGS

### Draws



### Dimensions

|     | A    | L    |
|-----|------|------|
| mm. | 14   | 45   |
| in. | 0,55 | 1,77 |

## RECOMMENDED BY LEMO

### Tools

None

### Cables

|         |     |      |   |
|---------|-----|------|---|
| 050 140 | PVC | Grey |  |
|---------|-----|------|---|