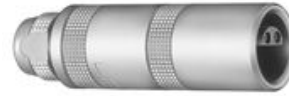


## SUMMARY

### # Wires

|         |   |
|---------|---|
| Low     | 4 |
| High    | 0 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |



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|                  |               |
|------------------|---------------|
| Series           | 1S            |
| Termination type | Female solder |
| IP rating        | 50            |
| Cable Ø (mm)     | 6.00 - 6.70   |

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | PCA*: Free receptacle, cable collet   |
| Keying            | Hermaphroditic keying ("half moon" insert), plug has male pin 1                             |
| Housing Material  | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing      | C68: 6 - 6.7 mm   |
| Variant           |   |

### Performance

|               |                        |
|---------------|------------------------|
| Configuration | 1S.304 : 4 Low Voltage |
| Insulator     | L: PEEK                |
| Rated Current | 10 Amps                |

### Specifications

|                       |                               |
|-----------------------|-------------------------------|
| Contact Type:         | Solder                        |
| Max. Matings:         | 5000                          |
| Contact Dia.:         | 0.9 mm (0.0354in)             |
| Bucket Dia.:          | 0.8 mm (0.031in)              |
| Max. Solid Conductor: | 0.34 mm <sup>2</sup> (AWG 22) |
| R (max):              | 4.8 mOhm                      |
| Vtest:                | 1200 V (AC), 1800 V (DC)      |

### Others

Endurance (Shell): 5000 mating cycles  
 Temp (min / max): -55 °C / +250 °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: 50

## DRAWINGS

### Draws



### Dimensions

|     | A    | C    | L    | S2   |
|-----|------|------|------|------|
| mm. | 11.9 | 6.2  | 40.5 | 8.5  |
| in. | 0.47 | 0.24 | 1.59 | 0.33 |

## RECOMMENDED BY LEMO

### Tools

None

### Cables

|                    |     |       |  |
|--------------------|-----|-------|--|
| 417 920            | PVC | Grey  |  |
| CTR.75.030.121870G | PVC | Grey  |  |
| LC.1192A           | PVC | Black |  |

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LC.BELDEN.1192A

Black

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