

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series	0S
Termination type	Female solder
IP rating	50
AWG wire size	32.00 - 24.00
Cable Ø	3.80 - 4.60 mm
Status	active
Alternative part	<a href="#">PCA.0S.304.CLLK52</a>
Matching parts	<a href="#">FFA.0S.304.CLAK47</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PCA*: Free receptacle with oversize cable collet
Keying	Hermaphroditic keying (half moon insert) with female pin 1
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	12.23 g

### Performance

Configuration	0S.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

### Specifications

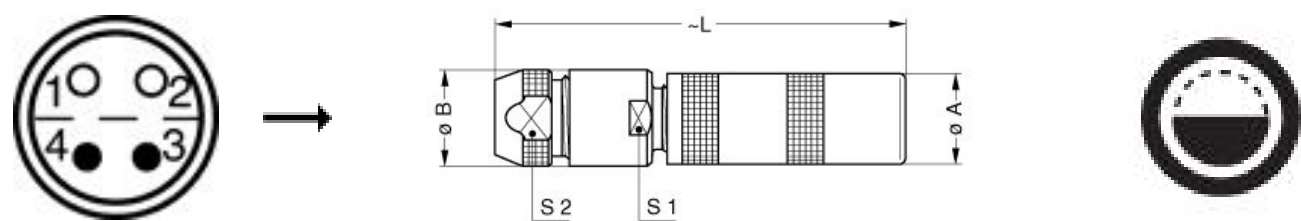
Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.6 mm (0.024in)  
Max. Solid Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
Max. Stranded Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
R (max): 6.1 mOhm  
Vtest: 1060 V (AC), 1500 V (DC)

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

DRAWINGS



Dimensions

	A	B	L	S1	S2
mm.	8.9	10	44.5	9	8.5
in.	0,35	0,39	1,75	0,35	0,33




RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.05.005.PA065](#)

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Cables

40140	PVC	Black	
40260	PVC	Black	
4280	PVC	Black	

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