

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series	OK
Termination type	Female solder
IP rating	68
AWG wire size	28.00 - 20.00
Cable Ø	4.60 - 5.00 mm
Status	active
Alternative part	PHG.0K.303.CLLK50
Matching parts	FGG.0K.303.CLAC50

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, 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	13.94 g

Performance

Configuration	OK.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

Specifications

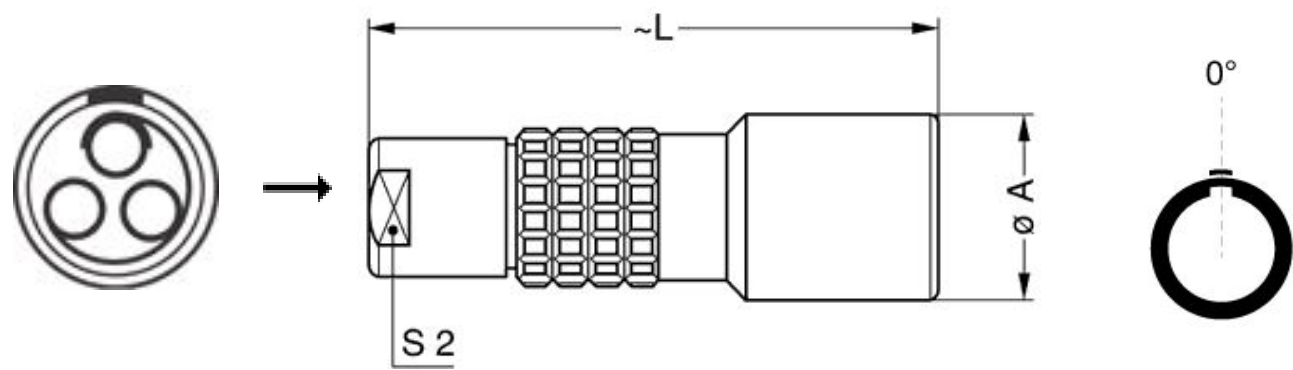
Contact Type:	Solder
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	1.0 mm (0.039in)
Max. Solid Conductor:	0.56 mm ² (AWG 20)
Max. Stranded Conductor:	0.56 mm ² (AWG 20)
R (max):	4.8 mOhm
Vtest (contact-shell):	900 V (AC), 1300 V (DC)
Vtest (contact-contact):	1200 V (AC), 1700 V (DC)

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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	L	S2
mm.	13	34	8
in.	0,51	1,34	0,31

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.OE.007.PA080](#)

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Cables

130240	PVC	Black	
3220	PVC	Black	
60080	PVC	Grey	

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