

SUMMARY

Wires

Low voltage	2
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Image is for illustrative purpose only

Series	0K
Termination type	Female solder
IP rating	68
AWG wire size	28.00 - 20.00
Cable Ø	3.10 - 3.50 mm
Status	active
Matching parts	FGG.0K.302.CLAC35

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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	14.21 g

Performance

Configuration	0K.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

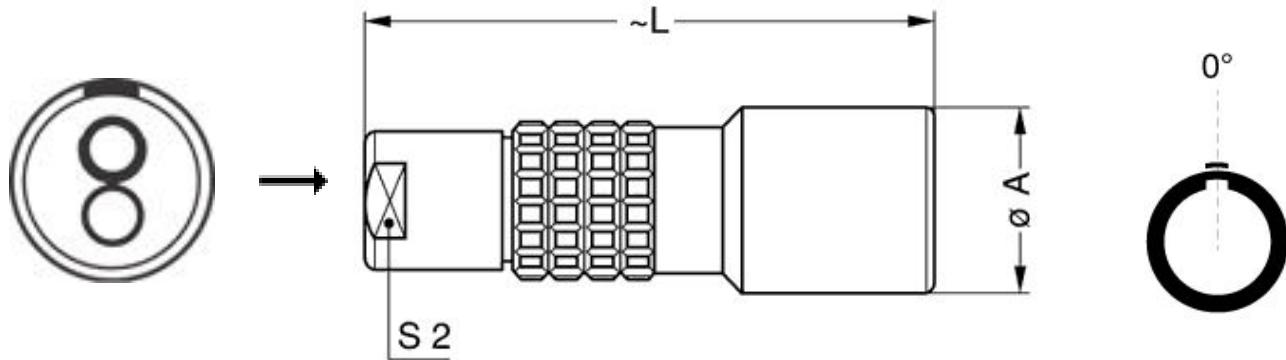
Contact Type:	Solder
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	1.0 mm (0.039in)
Max. Solid Conductor:	0.56 mm ² (AWG 20)
Max. Stranded Conductor:	0.56 mm ² (AWG 20)
R (max):	4.8 mOhm
Vtest (contact-shell):	1050 V (AC), 1490 V (DC)
Vtest (contact-contact):	1300 V (AC), 1840 V (DC)

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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.0E.007.PA080](#)

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Cables

20240	PTFE	White	
2080	PVC	Grey	

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