

SUMMARY

Wires

Low	7
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	3K
Termination type	Female solder
IP rating	68
Cable Ø	10.10 - 10.50 mm
Matching parts	FGG.3K.307.CLAC11
Status	active
Alternative part	

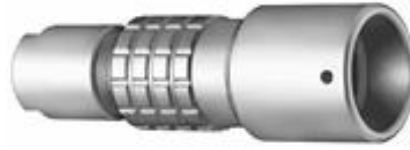


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TECHNICAL DETAILS

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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 10.1 - 10.5 mm
Variant	
Weight	81.72 g

Performance

Configuration	3K.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	15 Amps

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	1.6 mm (0.063in)

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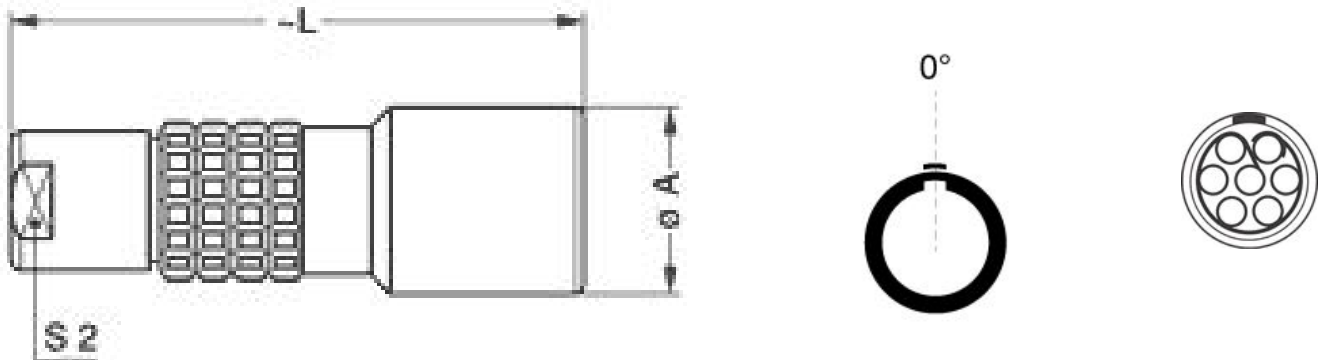
Bucket Dia.: 1.4 mm (0.055in)
 Max. Solid Conductor: 1 mm² (AWG 16)
 Max. Stranded Conductor: 1 mm² (AWG 18)
 R (max): 3.5 mOhm
 Vtest (contact-shell): 1250 V (AC), 1770 V (DC)
 Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

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]
 Salt Spray Corrosion: >1000 hr
 Climatical Category: 50/175/21
 Shielding (min): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	L	S2
mm.	23	65	15
in.	0,91	2,56	0,59

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RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.3E.030.PA150

Cables

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