

SUMMARY

Wires

Low	3
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



Image is for illustrative purpose only

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Series

Termination type	Female crimp
IP rating	68
Cable Ø	7.60 - 8.00 mm
Matching parts	FGG.3K.303.CYCC80Z
Status	
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet and nut for fitting a bend relief
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	∅ 7.6 - 8 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	3K.303 : 3 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	25 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 65 N
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 2.4 mm (0.094in)
Min. Conductor: 1.5 mm ² (AWG 16)

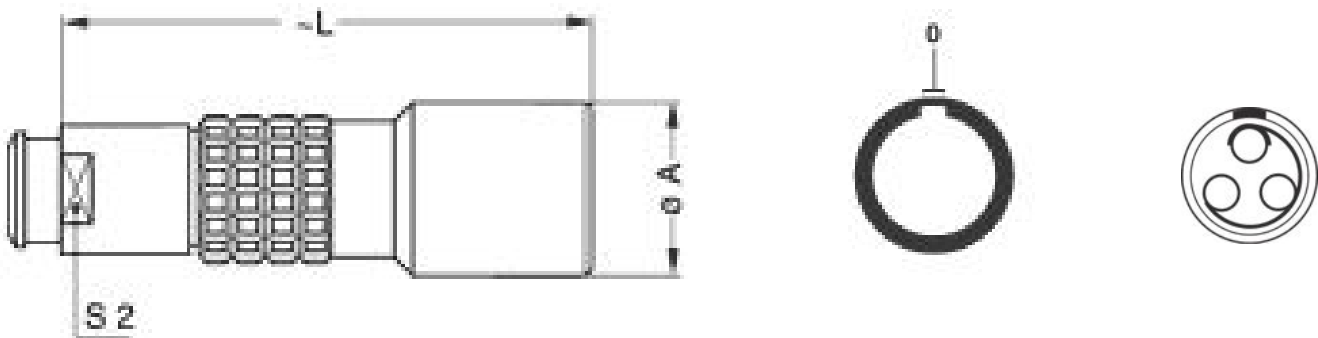
Max. Conductor: 2.5 mm² (AWG 12)
R (max): 3.3 mOhm
Vtest (contact-shell): 2650 V (AC), 3750 V (DC)
Vtest (contact-contact): 3200 V (AC), 4530 V (DC)

Others

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	64	15
in.	0,91	2,52	0,59

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.101.A
Crimp settings: AWG/Selector = 12-14-16/8-7-6
Positionner: DCE.91.203.BVCM

Extractor: DCC.91.202.5LA
Replacement contact: EGG.3B.675.ZZM
Spanner wrench: DCD.3E.030.PA150

Cables

CMN.03.T14.078PGCE			
330 150	PVC	Grey	