

SUMMARY

Wires

Low	2
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series

Termination type	Female solder
IP rating	50
Cable Ø	2.30 - 3.20 mm
Matching parts	FGG.0B.302.CLAD31

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	D31: 2.3 - 3.2 mm
Variant	

Performance

Configuration	0B.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	10 Amps

Specifications

Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm ² (AWG 22)
Max. Stranded Conductor: 0.34 mm ² (AWG 22)
R (max): 4.8 mOhm
Vtest (contact-shell): 1050 V (AC), 1490 V (DC)

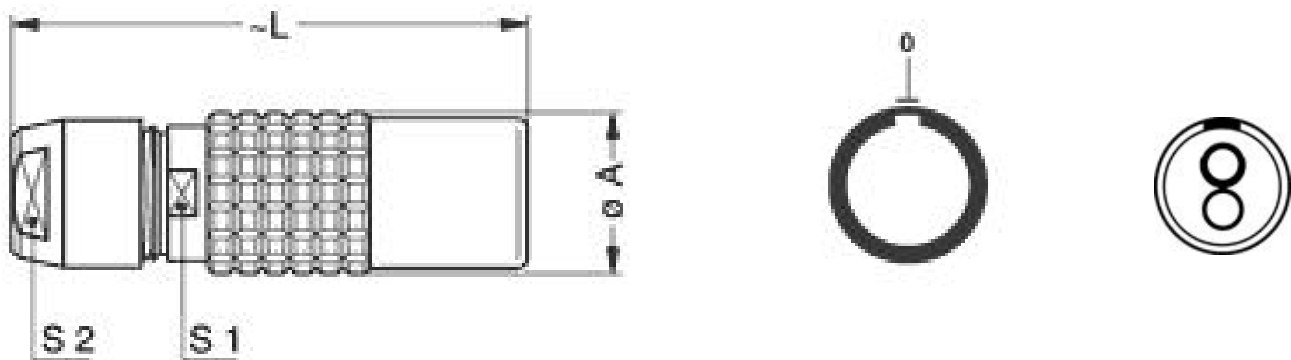
Vtest (contact-contact): 1300 V (AC), 1840 V (DC)
Switch Rating: 0

Others

Endurance (Shell): 5000
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]
Salt Spray Corrosion: >1000 hr
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating: 50

DRAWINGS

Draws



Dimensions


	A	L	S1	S2
mm.	9.5	35.5	8	7
in.	0,37	1,40	0,31	0,28

RECOMMENDED BY LEMO

Tools

Spanner wrench: MTZ.0B.045.070

Cables

CMN.02.T28.030PGCE	PVC	GREY	
CMN.02.T28.030PGZE		Grey	
CMN.02.T28.030PNCE	PVC	Black	
CMN.02.T28.030PNZE			
002 050	PVC	Black	
002 260	PTFE	White	
CCX.50.RG1.74U30B	TFE	White	

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