

SUMMARY

Wires

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



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Series

Termination type	Female crimp
IP rating	50
Cable Ø	9.30 - 9.90 mm
Matching parts	FGG.2B.307.CYCD99

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	D99: 9.3 - 9.9 mm
Variant	

Performance

Configuration	2B.307 : 7 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	11 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 40 N
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1.4 mm (0.055in)
Min. Conductor: 0.5 mm ² (AWG 20)
Max. Conductor: 1 mm ² (AWG 18)
R (max): 3.6 mOhm

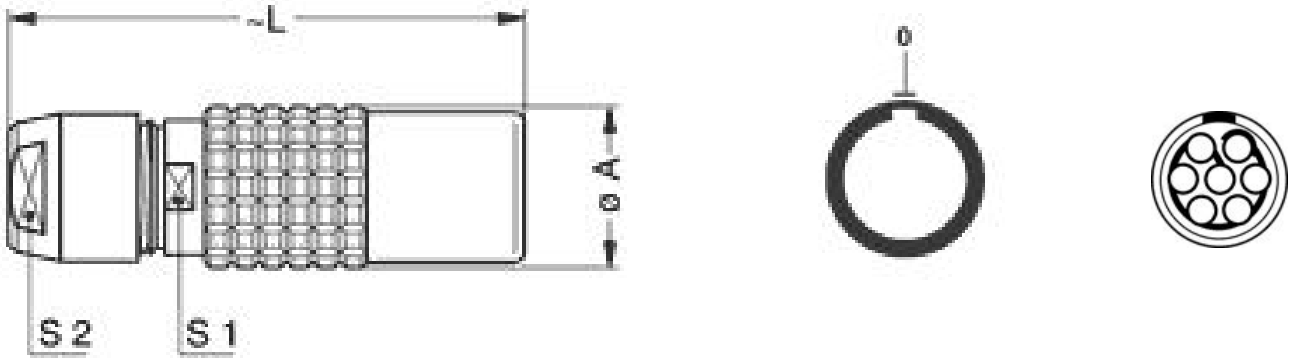
Vtest (contact-shell): 2150 V (AC), 3040 V (DC)
Vtest (contact-contact): 1950 V (AC), 2750 V (DC)

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): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	S1	S2
mm.	16.5	47	13	12
in.	0,65	1,85	0,51	0,47

RECOMMENDED BY LEMO

Tools

- Crimp Tool: DPC.91.701.V
- Crimp settings: AWG/Selector = 18-20/8-7
- Positionner: DCE.91.132.BVM
- Extractor: DCF.91.131.2LT
- Replacement contact: EGG.2B.665.ZZM
- Spanner wrench: MTZ.2B.220.120

