

SUMMARY

Wires

Low voltage 9



Image is for illustrative purpose only

Series	OB
Termination type	Male print PCB
IP rating	50
AWG wire size	34.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	PHG.OB.309.CLLD32Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FA*: Fixed plug, non-latching, nut fixing
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	5.25 g

Performance

Configuration	OB.309 : 9 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 Amps

Specifications

Contact Type: Print (straight)
Vtest (contact-shell): 500 V (AC), 710 V (DC)
Vtest (contact-contact): 600 V (AC), 850 V (DC)

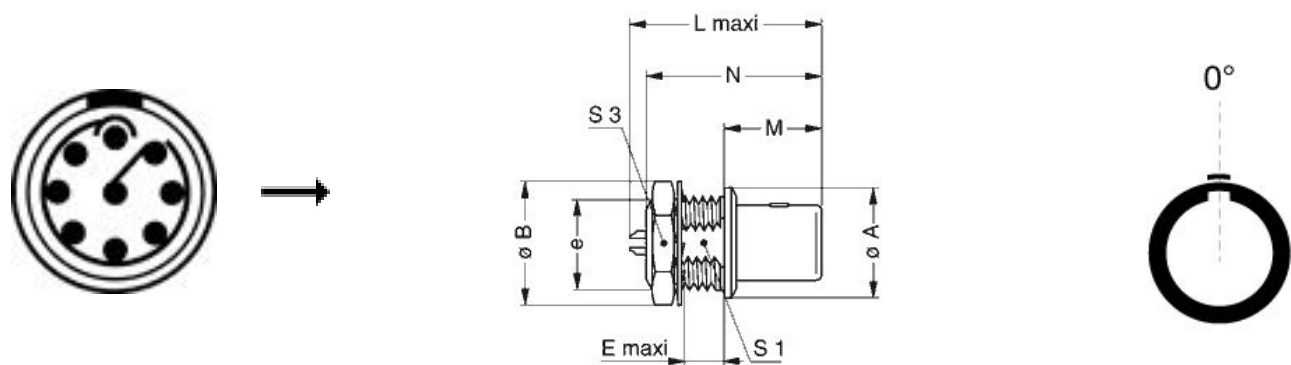
Others

Endurance (Shell): 5000
Temp (min / max): -55°C / +250°C

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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): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	10	12.5	4.2	20.8	11.5	18.9	8.2	11	M9x0.6
in.	0,39	0,49	0,17	0,82	0,45	0,74	0,32	0,43	

RECOMMENDED BY LEMO

Tools

Crimp settings: AWG/Selector = 28-30-32/4-3-3
Replacement contact: FGG.00.554.ZZC

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