

SUMMARY

Wires

Low voltage 9



Image is for illustrative purpose only

Series	0B
Termination type	Female solder
IP rating	68
AWG wire size	34.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.0B.309.CLAD42

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	HC*: Fixed receptacle, nut fixing, watertight or vacuum-tight (watertight when mated, back panel mounting)
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
Variant	P : Watertight
Weight	14.20 g

Performance

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

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm² (AWG 28)
Max. Stranded Conductor: 0.09 mm² (AWG 28)

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R (max): 8.7 mOhm

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): -20 °C / +100 °C

Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [6 ms]

Climatical Category: 20/80/21

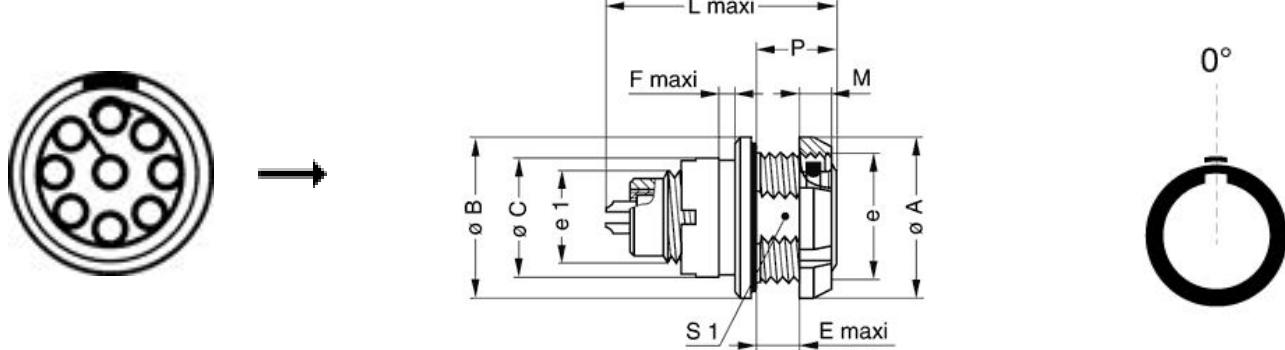
Shielding (min): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

Salt Spray Corrosion: >1000 hr

Pressure: 60 bars

DRAWINGS



Dimensions

	A	B	C	E	F	L	M	P	S1	e	e1
mm.	18	18	12	3.9	1	24.5	3.5	7.5	12.5	M14x1.0	M9x0.6
in.	0,71	0,71	0,47	0,15	0,04	0,96	0,14	0,30	0,49		

RECOMMENDED BY LEMO

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Tools

Cables

CMN.09.T28.050CNQZ			
CMN.09.T28.051PGZE		Grey	
CMN.09.T28.051PNZE			
CMN.09.T28.051QGZE	TPR (medical)	Grey	

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