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# **SUMMARY**

#### # Wires

 Low
 9

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

Series 0B

Termination type Male crimp

IP rating 50

Cable Ø 0.00 - 0.00 mm

0

Matching parts

Fluidic

**Status** active

Alternative part



Image is for illustrative purpose only

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# **TECHNICAL DETAILS**

### **Mechanics**

Shell Style/Model EE\*: Fixed receptacle, nut fixing (back panel mounting)

Keying 2 keys (gamma=45, plug: female contacts, receptacle: male contacts)

Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Cable Fixing 90 - 0 mm

Variant

Weight 5.81 g

#### **Performance**

**Configuration** 0B.309 : 9 Low Voltage

Insulator Y: PEEK for crimp contacts

Rated Current 2 Amps

# **Specifications**

Contact Type: Crimp Max. Matings: 3000 Contact Retention: 12 N

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Contact Dia.: 0.5 mm (0.02in) Bucket Dia.: 0.45 mm (0.018in)

Min. Conductor: 0.035 mm<sup>2</sup> (AWG 32) Max. Conductor: 0.09 mm<sup>2</sup> (AWG 28)

R (max): 8.7 mOhm

Vtest (contact-shell): 850 V (AC), 1200 V (DC) Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

#### **Others**

Temp (min / max):  $-55^{\circ}$ C /  $+250^{\circ}$ C

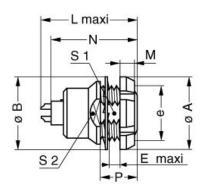
Humidity (max): <=95% [at 60 deg C /140 F]

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**

	А	В	E	L	М	N	Р	S1	S2	е
mm.	12	12.5	2.4	20.7	2.5	19.1	6.3	8.2	9	M9x0.6
in.	0,47	0,49	0,09	0,81	0,10	0,75	0,25	0,32	0,35	

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# **RECOMMENDED BY LEMO**

# **Tools**

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 28-30-32/4-3-3

Positionner: DCE.91.050.BVC Extractor: DCF.91.050.2LT

Replacement contact: FGG.0B.554.ZZC

## Cables

CMN.09.T28.050CNQZ			
CMN.09.T28.051PGCE	PVC	GREY	
CMN.09.T28.051PGZE		Grey	
CMN.09.T28.051PNCE	PVC	Black	
CMN.09.T28.051PNZE			
CMN.09.T28.051QGZE	TPR (medical)	Grey	>

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