

# FAG.0B.309.KLA

# SUMMARY

### # Wires

Law	9	
Low	9	1 Sure
High	0	
Coax	0	
Triax	0	Download
Quad	0	Request a quote
Fiber	0	Catalog
Fluidic	0	
Series	OB	
Termination type	Male solder	
IP rating	50	
Cable Ø	0.00 - 0.00 mm	
Matching parts	PHG.0B.309.KLLD31	
Status	active	
Alternative part		

Image is for illustrative purpose only

# **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 (black chrome) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	: 0 - 0 mm
Variant	
Weight	5.19 g
Performance	
Configuration	OB.309:9 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	2 Amps

### **Specifications**

Contact Type: Solder Max. Matings: 5000 Contact Dia.: 0.5 mm (0.02in)

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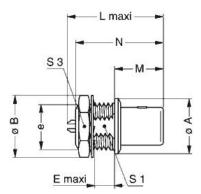
Bucket Dia.: 0.45 mm (0.018in) Max. Solid Conductor: 0.09 mm^2 (AWG 28) Max. Stranded Conductor: 0.09 mm^2 (AWG 28) R (max): 8.7 mOhm Vtest (contact-shell): 500 V (AC), 710 V (DC) Vtest (contact-contact): 600 V (AC), 850 V (DC)

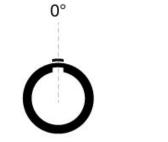
### Others

Endurance (Shell): 5000 Temp (min / max): -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

	А	В	E	L	Μ	N	S1	\$3	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	

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## **RECOMMENDED BY LEMO**

### Tools

None

### 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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