

SUMMARY



Image is for illustrative purpose only

Wires

Low	9
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	0B
Termination type	Male solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Status	active
Alternative part	
Matching parts	PHG.OB.309.KLLD31

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
Variant	
Weight	5.19 g

Performance

Configuration	0B.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
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm ² (AWG 28)

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Max. Stranded Conductor: 0.09 mm² (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]
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 Salt Spray Corrosion: >1000 hr
 IP Rating: 50

DRAWINGS

Draws



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	






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Tools

None

Cables

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

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