

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low	3
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	0B
Termination type	Female solder
IP rating	50
Cable Ø	3.30 - 4.20 mm
Matching parts	EGJ.0B.303.CLA
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FP*: Elbow (90°) plug with cable collet
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	D42: 3.3 - 4.2 mm
Variant	
Weight	11.54 g

### Performance

Configuration	0B.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	8 Amps

### Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.9 mm (0.035in)

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Bucket Dia.: 0.8 mm (0.031in)  
 Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 4.8 mOhm  
 Vtest (contact-shell): 1600 V (AC), 2250 V (DC)  
 Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

## Others

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

	A	H	L	M	S1	S2	S3
mm.	9.5	23	30	20	8	7	8
in.	0,37	0,91	1,18	0,79	0,31	0,28	0,31



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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: DCD.OB.005.PA070

## Cables

003 280	PVC	Black	
030 110	PVC	Grey	

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