

## SUMMARY

### # Wires

Low	7
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	1B
Termination type	Male solder
IP rating	50
Cable Ø	3.10 - 4.20 mm
Matching parts	EGG.1B.307.CLL
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FP*: Elbow (90°) plug with cable collet for bend relief
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	D42: 3.1 - 4.2 mm
Variant	Z : Nut for fitting a bend relief
Weight	22.53 g

### Performance

Configuration	1B.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	7 Amps

### Specifications

Contact Type: Solder  
Max. Matings: 5000

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Contact Dia.: 0.7 mm (0.028in)  
 Bucket Dia.: 0.8 mm (0.031in)  
 Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 6.1 mOhm  
 Vtest (contact-shell): 1050 V (AC), 1490 V (DC)  
 Vtest (contact-contact): 950 V (AC), 1340 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  
 Climatological 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.	12	33.5	36	25	11	9	10
in.	0,47	1,32	1,42	0,98	0,43	0,35	0,39

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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: DCD.1B.015.PA090

## Cables

CMN.07.T26.037QGZE	TPR (medical)	Grey	
007 041	PVC	Grey	
007 050	PVC	Black	

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