

## SUMMARY

### # Wires

Low	16
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	2B
Termination type	Male solder
IP rating	50
Cable Ø	3.30 - 4.20 mm
Matching parts	ECG.2B.316.KLL
Status	<b>obsolete</b>
Alternative part	FPG.2B.316.KLAD42Z

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FH*: Elbow plug, cable collet and nut for fitting a bend relief
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	D42: 3.3 - 4.2 mm
Variant	Z : Nut for fitting a bend relief
Weight	42.05 g

### Performance

Configuration	2B.316 : 16 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 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): 1250 V (AC), 1770 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  
 Climatical Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	16.5	9	33	41.5	29.5	14	12	14
in.	0,65	0,35	1,30	1,63	1,16	0,55	0,47	0,55

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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: MTZ.2B.220.120

## Cables

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