

## SUMMARY

### # Wires

Low	8
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	3B
Termination type	Female crimp
IP rating	50
Cable Ø	9.90 - 11.00 mm
Matching parts	FGG.3B.308.CYCD11Z
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet and nut for fitting a 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	∅ 9.9 - 11 mm
Variant	Z : Nut for fitting a bend relief
Weight	57.60 g

### Performance

Configuration	3B.308 : 8 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	13 Amps

### Specifications

Contact Type: Crimp  
Max. Matings: 5000

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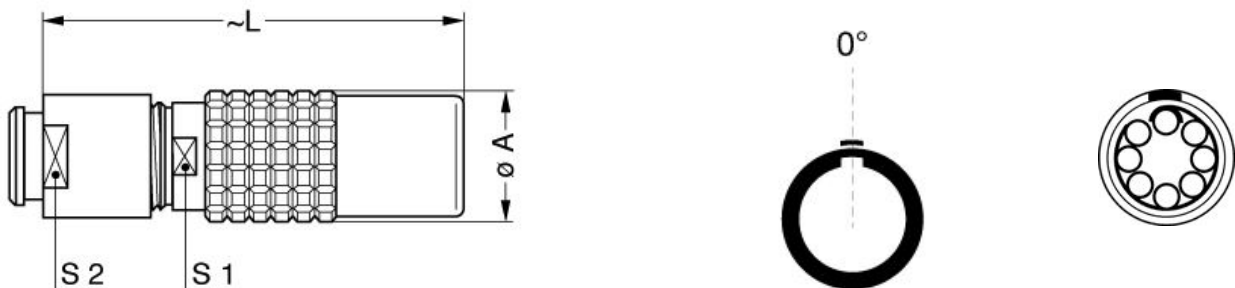
Contact Retention: 40 N  
 Contact Dia.: 1.3 mm (0.051in)  
 Bucket Dia.: 1.4 mm (0.055in)  
 Min. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 Max. Conductor: 1 mm<sup>2</sup> (AWG 18)  
 R (max): 3.6 mOhm  
 Vtest (contact-shell): 1750 V (AC), 2500 V (DC)  
 Vtest (contact-contact): 1850 V (AC), 2600 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	L	S1	S2
mm.	19	54.5	15	15
in.	0,75	2,15	0,59	0,59

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# RECOMMENDED BY LEMO

## Tools

Crimp Tool: DPC.91.701.V  
Crimp settings: AWG/Selector = 18-20-22/5-4-3  
Positionner: DCE.91.133.BVM  
Extractor: DCF.91.133.5LT  
Replacement contact: EGG.3B.665.ZZM  
Spanner wrench: DCD.3B.040.PA150

## Cables

380 750	PVC	Grey	
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