

## SUMMARY

### # Wires



*Image is for illustrative purpose only*

Series	1B
Termination type	Male crimp
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	5.30 - 6.20 mm
Status	active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, 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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	16.98 g

### Performance

Configuration	
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	

### Specifications

Contact Type: Crimp

### Others

Endurance (Shell): 5000  
Temp (min / max): -55 °C / +250 °C

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Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz]

Shock Resistance: 100 g [ 6 ms]

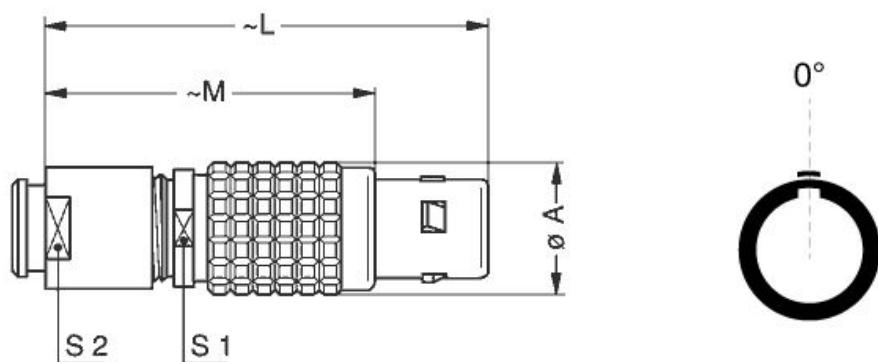
Climatical Category: 50/175/21

Shielding (min): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

Salt Spray Corrosion: >1000 hr

## DRAWINGS



### Dimensions

	A	L	M	S1	S2
mm.	12	42	31	10	9
in.	0,47	1,65	1,22	0,39	0,35

## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 28-30-32/4-3-3

Replacement contact: FGG.1B.562.ZZC

Spanner wrench: [DCD.1B.015.PA090](#)

Caps: [BFG.1B.100.PCSG](#)

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