

SUMMARY

Wires

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



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Series	3B
Termination type	Male crimp
IP rating	50
Cable Ø	10.80 - 11.90 mm
Status	active
Alternative part	
Matching parts	EGG.3B.307.CLL

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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	3B.307 : 7 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	15 Amps

Specifications

Contact Type:	Crimp
Contact Retention:	50 N
Contact Dia.:	1.6 mm (0.063in)
Bucket Dia.:	1.9 mm (0.075in)

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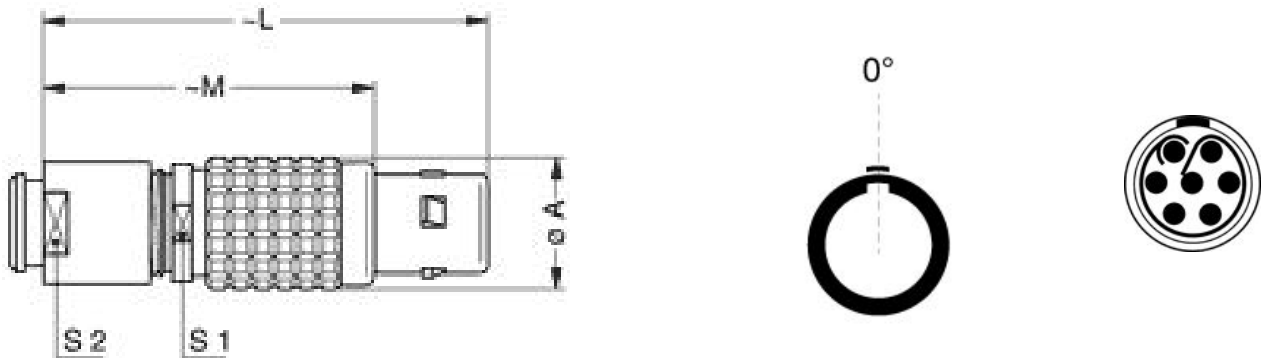
Min. Conductor: 1 mm² (AWG 18)
 Max. Conductor: 1.5 mm² (AWG 14)
 R (max): 3.5 mOhm
 Vtest (contact-shell): 2050 V (AC), 2900 V (DC)
 Vtest (contact-contact): 2000 V (AC), 2850 V (DC)

Others

Endurance (Shell): 5000
 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]
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 Salt Spray Corrosion: >1000 hr
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	M	S1	S2
mm.	18	56.5	41.5	15	15
in.	0,71	2,22	1,63	0,59	0,59

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.101.A

Crimp settings: AWG/Selector = 14-16-18/7-6-5

Positionner: DCE.91.163.BVCM

Extractor: DCF.91.163.5LT

Replacement contact: FGG.3B.570.ZZC

Spanner wrench: DCD.3B.040.PA150

Caps: BFG.3B.100.PCSG

Cables

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