

SUMMARY

Wires

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

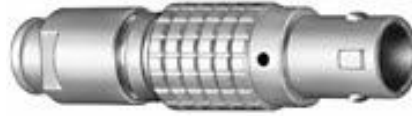


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Series	3B
Termination type	Male solder
IP rating	50
Cable Ø	4.90 - 6.20 mm
Matching parts	EGG.3B.316.CLL
Status	active
Alternative part	

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
Cable Fixing	D62: 4.9 - 6.2 mm
Variant	Z : Nut for fitting a bend relief
Weight	49.02 g

Performance

Configuration	3B.316 : 16 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	8 Amps

Specifications

Contact Type: Solder
Max. Matings: 5000

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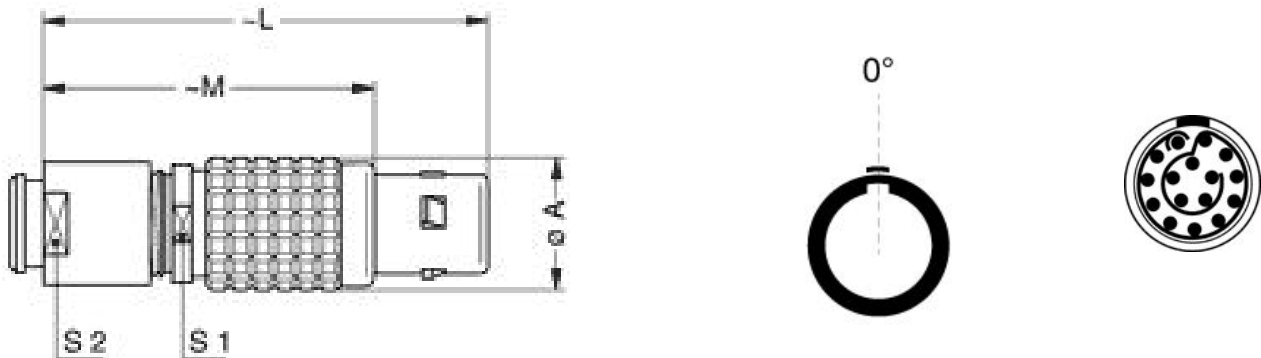
Contact Dia.: 0.9 mm (0.035in)
 Bucket Dia.: 0.8 mm (0.031in)
 Max. Solid Conductor: 0.34 mm² (AWG 22)
 Max. Stranded Conductor: 0.34 mm² (AWG 22)
 R (max): 4.8 mOhm
 Vtest (contact-shell): 850 V (AC), 1200 V (DC)
 Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

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	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

Spanner wrench: DCD.3B.040.PA150

Caps: BFG.3B.100.PCSG

Cables

CMN.16.T28.059PGCE	PVC	GREY	
CMN.16.T28.059PGZE		Grey	
CMN.16.T28.059PNCE	PVC	Black	
CMN.16.T28.059PNZE			
116 080	PUR	Black	

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