

SUMMARY

Wires

Low	19
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

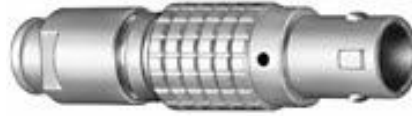


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Series	2B
Termination type	Male crimp
IP rating	50
Cable Ø	8.30 - 9.20 mm
Matching parts	EGA.2B.319.CYM
Status	
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	2 keys (alpha=30, 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	D92: 8.3 - 9.2 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	2B.319 : 19 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	5 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm ² (AWG 26)

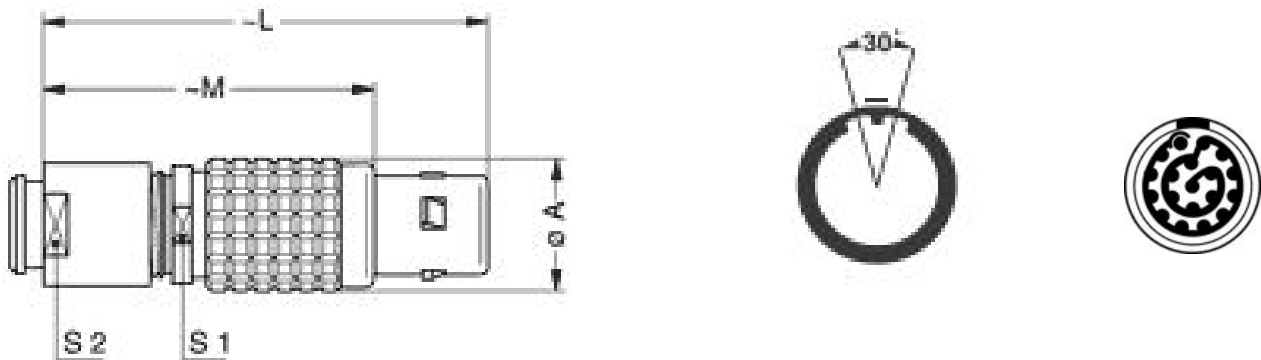
Max. Conductor: 0.34 mm² (AWG 22)
 R (max): 6.1 mOhm
 Vtest (contact-shell): 1650 V (AC), 2350 V (DC)
 Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

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
 Climatological 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.	15	49	37	13	12
in.	0,59	1,93	1,46	0,51	0,47

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
 Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: DCE.91.072.BVC
Extractor: DCF.91.070.2LT
Replacement contact: FGG.2B.555.ZZC
Spanner wrench: MTZ.2B.220.120

Cables