

## SUMMARY



Image is for illustrative purpose only

### # Wires

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

### Download

[Request a quote](#)

[Catalog](#)

Series	2B
Termination type	Female crimp
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FGG.2B.319.CYBD52
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts (back panel mounting)
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	∅ 0 - 0 mm
Variant	
Weight	15.85 g

### 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

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Contact Dia.: 0.7 mm (0.028in)  
 Bucket Dia.: 0.45 mm (0.018in)  
 Min. Conductor: 0.035 mm<sup>2</sup> (AWG 32)  
 Max. Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
 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  
 Climatical Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	20	19.2	6.5	26.7	3.5	24.6	13.5	17	M15x1.0
in.	0,79	0,76	0,26	1,05	0,14	0,97	0,53	0,67	

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

# RECOMMENDED BY LEMO

## Tools

Crimp Tool: DPC.91.701.V

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

Positionner: DCE.91.072.BVM

Extractor: DCF.91.070.2LT

Spanner 2: DCH.91.201.PA

Replacement contact: EGG.2B.656.ZZM

## Cables

*LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.*