

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 6

Series	2B
Termination type	Male crimp
IP rating	50
AWG wire size	20.00 - 18.00
Cable Ø	1.40 - 9.90 mm
Status	active
Matching parts	<a href="#">FGJ.2B.306.CYMD52</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts (back panel mounting)
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Weight	16.19 g

### Performance

Configuration	2B.306 : 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	12 Amps

### Specifications

Contact Type:	Crimp
Contact Retention:	40 N
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1.4 mm (0.055in)
Min. Conductor:	0.5 mm <sup>2</sup> (AWG 20)
Max. Conductor:	1 mm <sup>2</sup> (AWG 18)
R (max):	3.6 mOhm
Vtest (contact-shell):	2350 V (AC), 3320 V (DC)
Vtest (contact-contact):	2000 V (AC), 2850 V (DC)

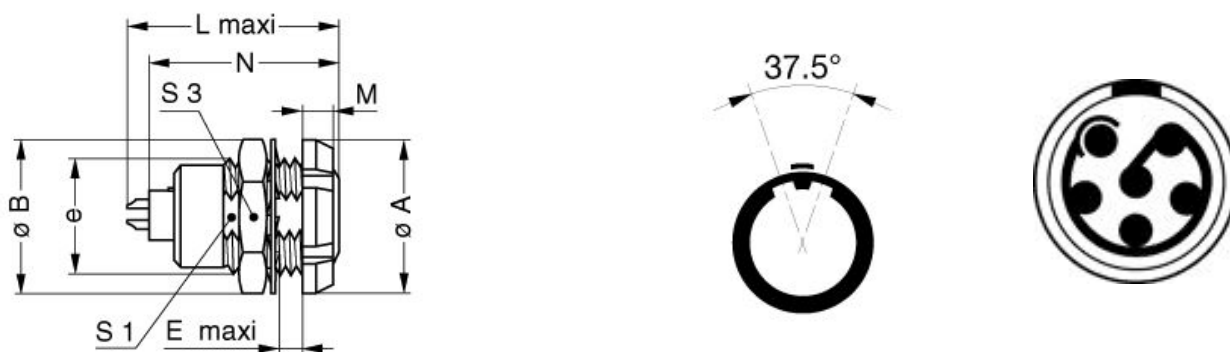
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## Others

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

## 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	

## RECOMMENDED BY LEMO

### Tools

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

Crimp settings: AWG/Selector = 18-20/8-7

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Positionner: [DCE.91.132.BVC](#)  
 Extractor: [DCF.91.131.2LT](#)  
 Spanner 2: [DCH.91.201.PA](#)  
 Replacement contact: FGG.2B.565.ZZC

## Cables

CMN.06.T22.055PGCE	PVC	GREY	
CMN.06.T18.070PGCE	PVC	GREY	
CMN.06.T20.062PGCE	PVC	GREY	
CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.044PGCE	PVC	GREY	
CMN.06.T20.062QGZE	TPR (medical)	Grey	
CMN.06.T18.070PGZE		Grey	
CMN.06.T18.070PNCE	PVC	Black	
CMN.06.T18.070PNZE			
CMN.06.T20.062PGZE		Grey	
CMN.06.T20.062PNCE	PVC	Black	
CMN.06.T20.062PNZE			
CMN.06.T22.055PGZE		Grey	
CMN.06.T22.055PNCE	PVC	Black	
CMN.06.T22.055PNZE			
CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.031PGZE		Grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNCE	PVC	Black	
CMN.06.T28.044PNZE			
006 280	PVC	Black	
012 080	PVC	Grey	
060 260	PTFE	White	
106 200	PVC	Black	
106 220	PVC	Black	
106 240	PTFE	White	
160 140	PVC	Grey	
160 240	PVC	Black	
160 260	PVC	Black	

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260 250	PVC	Grey	
360 500	PVC	Grey	
360 750	PVC	Grey	

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