

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series	2B
Termination type	Female crimp
IP rating	50
AWG wire size	16.00 - 12.00
Cable Ø	6.30 - 7.20 mm
Status	active
Alternative part	<a href="#">FPJ.2B.302.CYMD72</a>
Matching parts	<a href="#">EGJ.2B.302.CYC</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FH*: Elbow plug, cable collet
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	43.84 g

### Performance

Configuration	2B.302 : 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	25 Amps

### Specifications

Contact Type: Crimp
Contact Retention: 65 N
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 2.4 mm (0.094in)
Min. Conductor: 1.5 mm <sup>2</sup> (AWG 16)
Max. Conductor: 2.5 mm <sup>2</sup> (AWG 12)
R (max): 3.3 mOhm
Vtest (contact-shell): 2700 V (AC), 3820 V (DC)

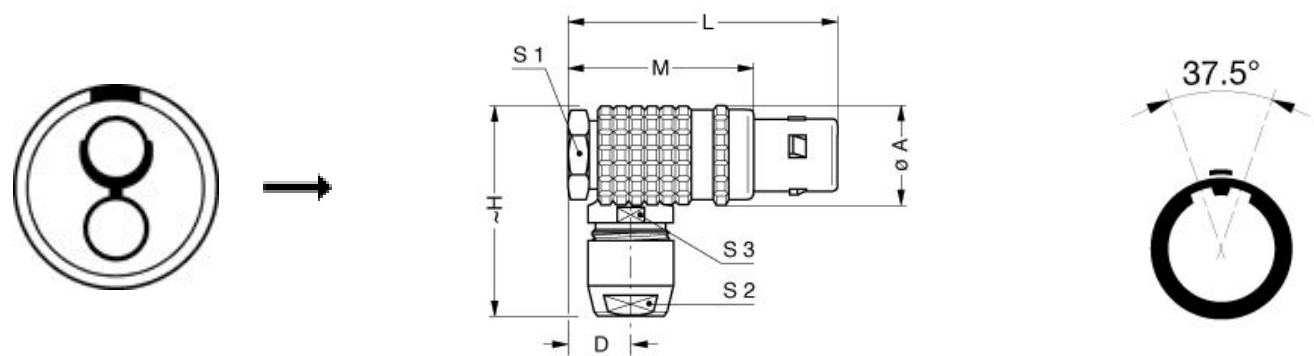
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Vtest (contact-contact): 2850 V (AC), 4030 V (DC)

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

DRAWINGS



Dimensions

	A	D	H	L	M	S1	S2	S3
mm.	16.5	9	34	41.5	29.5	14	12	13
in.	0,65	0,35	1,34	1,63	1,16	0,55	0,47	0,51





RECOMMENDED BY LEMO

Tools

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Crimp Tool:	<a href="#">DPC.91.101.A</a>
Crimp settings:	AWG/Selector = 12-14-16/8-7-6
Positionner:	<a href="#">DCE.91.202.BVCM</a>
Extractor:	<a href="#">DCC.91.202.5LA</a>
Replacement contact:	EGG.2B.675.ZZM
Spanner wrench:	<a href="#">DCD.2B.025.PA120</a>

### Cables

CMN.02.T14.072PGZE		Grey	
CMN.02.T14.072PNZE		Black	
CMN.02.T14.072QGZE	TPR (medical)	Grey	
CMN.02.T18.064UNCU			
220151	PVC	Grey	

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