

# SUMMARY

#### # Wires

Low	2
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0
Series	2B
Termination type	Male crimp
IP rating	50
Cable Ø	5.30 - 6.20 mm
Matching parts	EGG.2B.302.CLL
Status	active
Alternative part	

# FPG.2B.302.CYCD62



Image is for illustrative purpose only

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## **TECHNICAL DETAILS**

### **Mechanics**

Shell Style/Model	FP*: Elbow (90°) plug with cable collet
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: 5.3 - 6.2 mm
Variant	
Weight	39.79 g
Performance	

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

### **Specifications**

Contact Type: Crimp Max. Matings: 5000 Contact Retention: 65 N

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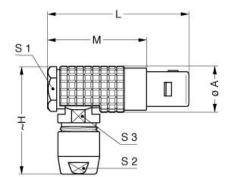
Contact Dia.: 2 mm (0.079in) Bucket Dia.: 2.4 mm (0.094in) Min. Conductor: 1.5 mm^2 (AWG 16) Max. Conductor: 2.5 mm^2 (AWG 12) R (max): 3.3 mOhm Vtest (contact-shell): 2700 V (AC), 3820 V (DC) Vtest (contact-contact): 2850 V (AC), 4030 V (DC)

### 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

	А	Н	L	Μ	S1	S2	\$3
mm.	15	35	41.5	29.5	13.5	12	13
in.	0,59	1,38	1,63	1,16	0,53	0,47	0,51

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### **RECOMMENDED BY LEMO**

### Tools

Crimp Tool: DPC.91.101.A Crimp settings: AWG/Selector = 12-14-16/8-7-6 Positionner: DCE.91.202.BVCM Extractor: DCC.91.202.5LA Replacement contact: FGG.2B.575.ZZC Spanner wrench: DCD.2B.025.PA120

### Cables

102 080	PVC	Grey	
120 184	PVC	Black	
120 500	PVC	Grey	-
120 751	PVC	Grey	-
220 750	PVC	Grey	-

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