

## SUMMARY

### # Wires

Low	8
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	2B
Termination type	Female crimp
IP rating	50
Cable Ø	9.30 - 9.90 mm
Matching parts	
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PK*: Fixed receptacle, nut fixing, cable collet
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	∅ 9.3 - 9.9 mm
Variant	
Weight	29.23 g

### Performance

Configuration	2B.308 : 8 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	10 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 30 N

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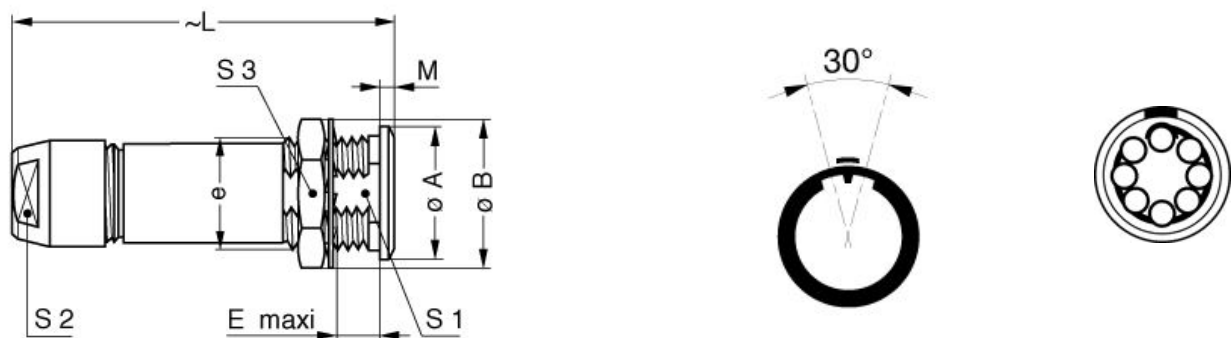
Contact Dia.: 0.9 mm (0.035in)  
 Bucket Dia.: 1.1 mm (0.043in)  
 Min. Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
 Max. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 R (max): 4.8 mOhm  
 Vtest (contact-shell): 1950 V (AC), 2800 V (DC)  
 Vtest (contact-contact): 1950 V (AC), 2750 V (DC)

## 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	B	E	L	M	S1	S2	S3	e
mm.	18	19.2	8.5	47	1.8	13.5	12	17	M15x1.0
in.	0,71	0,76	0,33	1,85	0,07	0,53	0,47	0,67	

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# RECOMMENDED BY LEMO

## Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: DCE.91.092.BVM

Extractor: DCF.91.090.2LT

Replacement contact: EGG.2B.660.ZZM

Spanner wrench: MTZ.2B.220.120

## Cables

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