

## SUMMARY

### # Wires

Low	14
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	2B
Termination type	Female solder
IP rating	50
Cable Ø	5.30 - 6.20 mm
Matching parts	
Status	active
Alternative part	



*Image is for illustrative purpose only*

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	PF*: Fixed receptacle, with two nuts, cable collet (back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (black chrome) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 5.3 - 6.2 mm
Variant	
Weight	32.10 g

### Performance

Configuration	2B.314 : 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6.5 Amps

### Specifications

Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 0.7 mm (0.028in)

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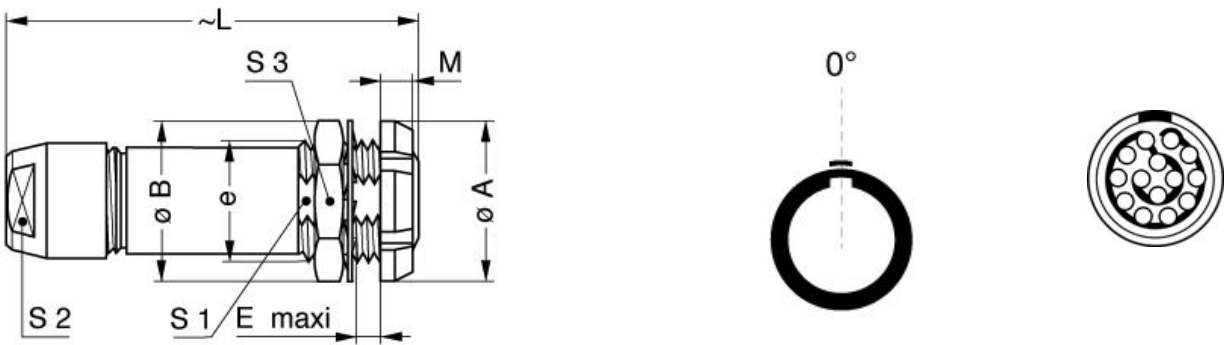
Bucket Dia.: 0.8 mm (0.031in)  
 Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 6.1 mOhm  
 Vtest (contact-shell): 1350 V (AC), 1910 V (DC)  
 Vtest (contact-contact): 1150 V (AC), 1630 V (DC)

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	S1	S2	S3	e
mm.	20	20	6.5	47	3.5	13.5	12	17	M15x1.0
in.	0,79	0,79	0,26	1,85	0,14	0,53	0,47	0,67	





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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: MTZ.2B.220.120

## Cables

CMN.14.T28.056PGCE	PVC	GREY	
CMN.14.T28.056PGZE		Grey	
CMN.14.T28.056PNCE	PVC	Black	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	
114 260	PTFE	White	
214 240	PTFE	White	

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