

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low	7
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	2B
Termination type	Female solder
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FGG.2B.307.CLAD52
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	HC*: Fixed receptacle, nut fixing, watertight or vacuum-tight (watertight when mated, back panel mounting)
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	∅ 0 - 0 mm
Variant	P : Watertight
Weight	37.08 g

### Performance

Configuration	2B.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	11 Amps

### Specifications

Contact Type: Solder

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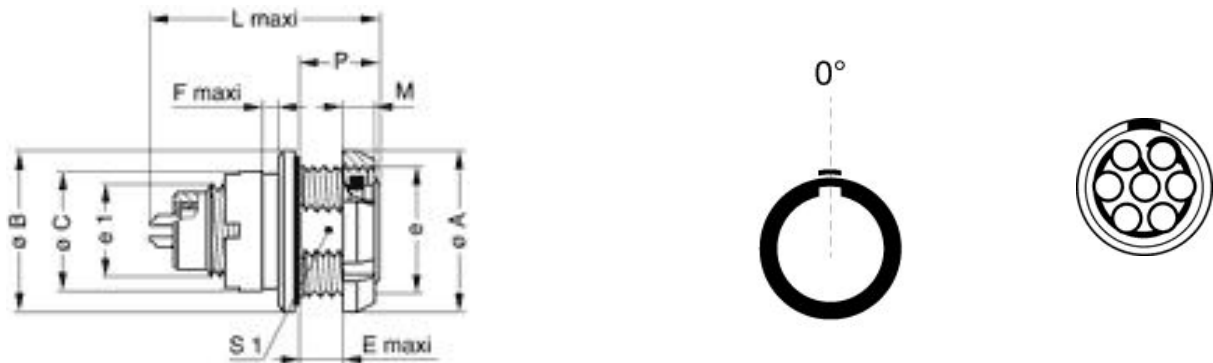
Max. Matings: 5000  
 Contact Dia.: 1.3 mm (0.051in)  
 Bucket Dia.: 1 mm (0.039in)  
 Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 R (max): 3.6 mOhm  
 Vtest (contact-shell): 1600 V (AC), 2250 V (DC)  
 Vtest (contact-contact): 1750 V (AC), 2500 V (DC)

## Others

Temp (min / max): -20°C / +80°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: >144 hr  
 Climatical Category: 20/80/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 Pressure: 40 bars  
 IP Rating: 68

## DRAWINGS

### Draws



### Dimensions

	A	B	C	E	F	L	M	P	S1	e	e
mm.	24	24	17.5	6.7	1.5	33.7	3.5	11.3	17	M14x1.0	M19x1.0
in.	0,94	0,94	0,69	0,26	0,06	1,33	0,14	0,44	0,67		








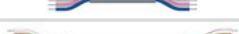













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# RECOMMENDED BY LEMO

## Tools

None

## Cables

CMN.07.S34.027JGC			
CMN.07.T20.062PGCE	PVC	GREY	
CMN.07.T20.062PGZE		Grey	
CMN.07.T20.062PNCE	PVC	Black	
CMN.07.T20.062PNZE			
CMN.07.T20.062QGZE	TPR (medical)	Grey	
CMN.07.T22.055PGCE	PVC	GREY	
CMN.07.T22.055PGZE		Grey	
CMN.07.T22.055PNCE	PVC	Black	
CMN.07.T22.055PNZE			
CMN.07.T26.037QGZE	TPR (medical)	Grey	
CMN.07.T28.044PGCE	PVC	GREY	
CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNCE	PVC	Black	
CMN.07.T28.044PNZE			
007 041	PVC	Grey	
007 050	PVC	Black	
070 140	PVC	Grey	
270 250	PVC	Grey	
370 500	PVC	Grey	
717 920	PVC	Grey	
CTR.75.030.121875G	PVC	Grey	

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