

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low	22
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	3B
Termination type	Female solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FGA.3B.322.CLAD92
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts (back panel mounting)
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	∅ 0 - 0 mm
Variant	
Weight	31.44 g

### Performance

Configuration	3B.322 : 22 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	5.5 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): 900 V (AC), 1270 V (DC)  
 Vtest (contact-contact): 1000 V (AC), 1400 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	N	S1	S3	e
mm.	24	25	9	30.7	4.5	28.1	16.5	22	M18x1.0
in.	0,94	0,98	0,35	1,21	0,18	1,11	0,65	0,87	

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# RECOMMENDED BY LEMO

## Tools

None

## Cables

CMN.22.T22.088PGCE	PVC	GREY	
CMN.22.T22.088PGZE		Grey	
CMN.22.T22.088PNCE	PVC	Black	
CMN.22.T22.088PNZE			
CMN.22.T30.054QGZE	TPR (medical)	Grey	

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