

## SUMMARY



Image is for illustrative purpose only

### # Wires

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

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Series	1B
Termination type	Female solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FGG.1B.314.GLAD52
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	ENG*: Fixed receptacle with earthing tab, nut fixing, PEEK outer shell
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	PEEK (Polyetheretherketone) shell and collet nut, nickel plated brass latch sleeve+mid pieces (if plug)
Cable Fixing	∅ 0 - 0 mm
Variant	
Weight	5.04 g

### Performance

Configuration	1B.314 : 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	2 Amps

### Specifications

Contact Type: Solder  
Max. Matings: 3000

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Contact Dia.: 0.5 mm (0.02in)  
 Bucket Dia.: 0.45 mm (0.018in)  
 Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
 Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
 R (max): 8.7 mOhm  
 Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
 Vtest (contact-contact): 800 V (AC), 1130 V (DC)

## Others

Temp (min / max): -50° 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 <sub>max</sub>	L	M	N	S1	S3	e
mm.	14	15.8	7.5	23	1.5	21.1	10.5	14	M12x1
in.	0,55	0,62	0,30	0,91	0,06	0,83	0,41	0,55	

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# RECOMMENDED BY LEMO

## Tools

None

## 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	

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