

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	
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	

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:	5000
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm ² (AWG 28)

Max. Stranded Conductor: 0.09 mm² (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
 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 _{max}	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	

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	