

SUMMARY



Image is for illustrative purpose only

Wires

Low	12
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	2K
Termination type	Female print 90° PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FGG.2K.312.CLAC40Z
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EE*: Fixed receptacle, nut fixing, with elbow contacts for printed circuit (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	
Weight	35.31 g

Performance

Configuration	2K.312 : 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 Amps

Specifications

Contact Type: Print (elbow)
Max. Matings: 5000

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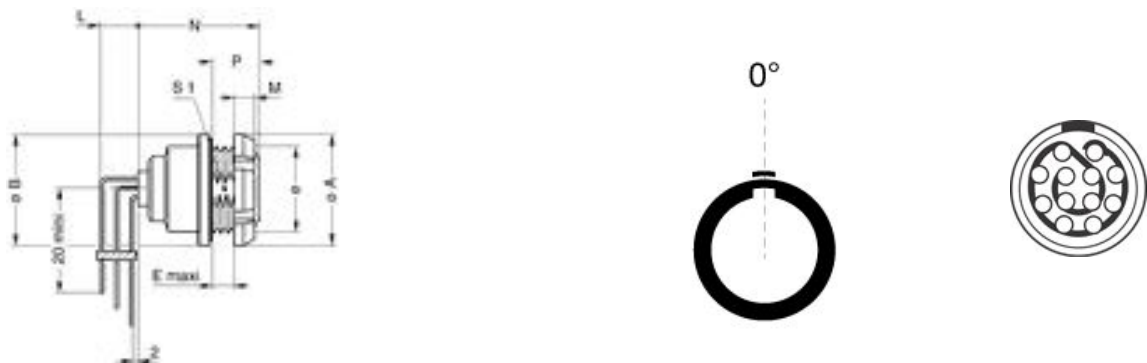
Contact Dia.: 0.7 mm (0.028in)
 R (max): 6.1 mOhm
 Vtest (contact-shell): 1350 V (AC), 1910 V (DC)
 Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

Others

Endurance (Shell): 5000 mating cycles
 Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	B	E	M	N	P	S1	e
mm.	25	25	5	3.5	26.6	10	18.5	M20x1.0
in.	0,98	0,98	0,20	0,14	1,05	0,39	0,73	

RECOMMENDED BY LEMO

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Tools

None

Cables

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