

## SUMMARY



*Image is for illustrative purpose only*

### # Wires

Low	22
High	0
Coax	1
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	3K
Termination type	Mixed coaxial/ Multi coax
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FGG.3K.822.CLAK131
Status	
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EE*: Fixed receptacle, nut fixing (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	

### Performance

Configuration	3K.822 : 1 Coax (50 Ohm), 22 Low V.
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	5 Amps

### Specifications

Contact Type:	Coaxial 50 Ohm (Crimp) Type C
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.03in)
R (max):	5.8 mOhm
Test voltage (kV rms):	0.7
Test voltage (kV dc):	1

Cable type: RG 174 A/U, RG 188 A/U, RG 316 /U

## 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	L	M	N	P	S1	e
mm.	30	31	7.5	36.2	4.5	33.6	12	22.5	M24x1.0
in.	1,18	1,22	0,30	1,43	0,18	1,32	0,47	0,89	

## RECOMMENDED BY LEMO

### Tools

Extractor: DCC.91.384.5LA  
Coax Tool: -  
Die Tool: DPE.99.103.8K

