

SUMMARY

Wires

Low voltage	22
Coax	1



Image is for illustrative purpose only

Series	3K
Termination type	Female solder mixed / multi
IP rating	68 when mated
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.3K.822.CLAK131

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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 [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Weight	62.03 g

Performance

Configuration	3K.822 : 1 Coax (50 Ohm), 22 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5 Amps

Specifications

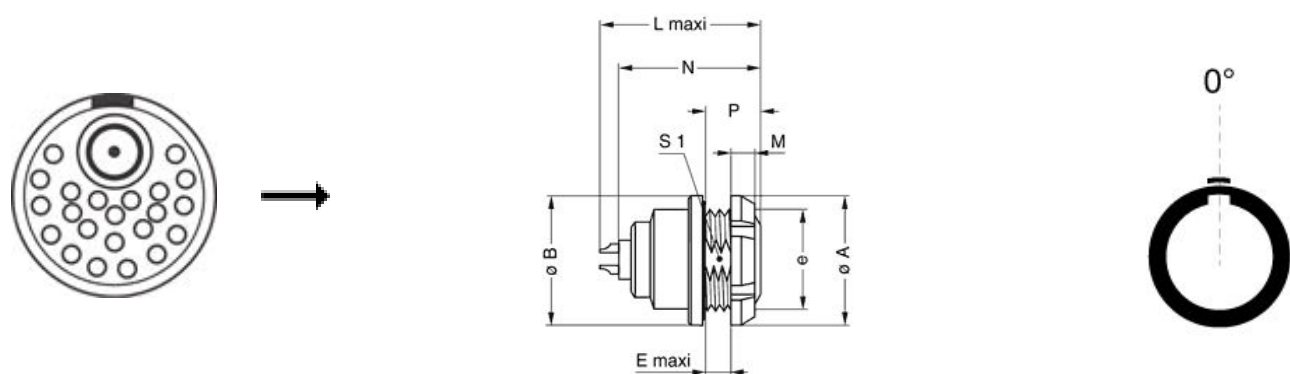
Contact Type:	Coaxial 50 Ohm (Crimp) Type C
Contact Dia.:	0.7 mm (0.03in)
R (max):	5.8 mOhm
Test voltage (kV rms):	0.7
Test voltage (kV dc):	1
Cable type:	RG 174 A/U, RG 188 A/U, RG 316 /U

Others

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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]
Climatical Category: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



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](#)
Die Tool: [DPE.99.103.8K](#)
Spanner wrench: [Socket for torque wrench DCM.65.200.AZ and DCM.65.270.AZ](#)

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