

## SUMMARY

### # Wires

Low voltage	22
Coax	1



*Image is for illustrative purpose only*

**Series** 3K

### Download

**Termination type** Female solder mixed / multi

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**IP rating** 68

[Catalog](#)

**AWG wire size** 30.00 - 22.00

**Cable Ø** 0.00 - 0.00 mm

**Status** active

## TECHNICAL DETAILS

### Mechanics

**Shell Style/Model** EG\*: Fixed receptacle, nut fixing

**Keying** 1 key (alpha=0, plug: male contacts, receptacle: female contacts)

**Housing Material** Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces

**Weight** 69.05 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

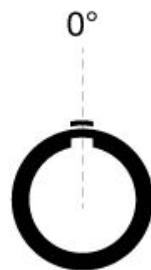
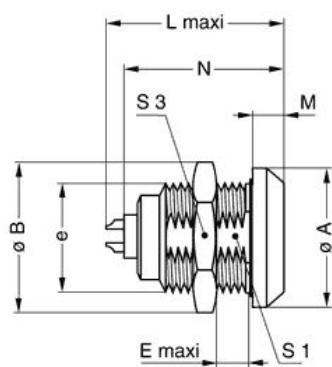
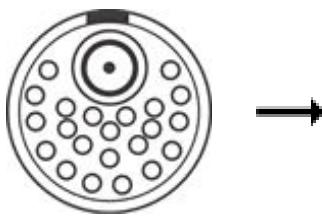
Cable type: RG 174 A/U, RG 188 A/U, RG 316 /U

### 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	S1	S3	e
mm.	31	34.5	11	36.2	6	33.6	22.5	30	M24x1.0
in.	1,22	1,36	0,43	1,43	0,24	1,32	0,89	1,18	

## RECOMMENDED BY LEMO

### Tools

Extractor: [DCC.91.384.5LA](#)  
 Die Tool: [DPE.99.103.8K](#)

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