

Part
Number

EGG.1K.304.CLL

Status Active

Size/Series 1K / K

Matching FGG.1K.304.CLAC20Z

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MECHANICAL DETAILS

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

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 :

	A	B	E	L	M	N	S1	S3	e
mm.	20	21.5	9	27	4.5	25.1	14.5	19	M16x1.0
in.	0.79	0.85	0.35	1.06	0.18	0.99	0.57	0.75	

PERFORMANCE DETAILS

Insert Configuration 1K.304 : 4 Low Voltage

Insulator L: PEEK

Specifications

Contact Type: Solder

Max. Matings: 5000

Contact Dia.: 0.9 mm (0.035in)

Bucket Dia.: 0.8 mm (0.031in)

Max. Solid Conductor: 0.34 mm² (AWG 22)

Max. Stranded Conductor: 0.34 mm² (AWG 22)

R (max): 4.8 mOhm

Vtest (contact-shell): 1450 V (AC), 2050 V (DC)

Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

Rated Current: 10 A (AC/DC)

OTHER CHARACTERISTICS

Endurance (Shell)

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: >144 hr

Climatical Category: 50/175/21

Shielding (min): 95 dB (10 MHz)

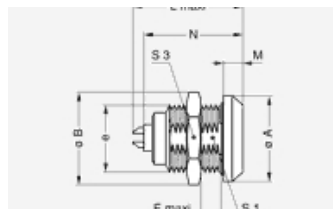
Shielding (min): 80 dB (1 GHz)

IP Rating 68

Catalog



[Download 3D draw](#)



Note: You can still get the CAD file even if no 3D preview is displayed below.

The 3D viewer requires the Java Runtime Environment (JRE) and for Java to be enabled on your system.

If Java is not installed, go to

<http://www.java.com/en/download/manual.jsp>

For the Firefox users, Java can be blocked by your browser. More info on :

<https://addons.mozilla.org/en-US/firefox/blocked/p80>