

FGG.1K.314.CLAk85

Status Active

Size/Series 1K / K

Matching EGG.1K.314.CLL

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MECHANICAL DETAILS

Shell Style/Model FG*: Straight plug with oversize cable collet
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 Variant K85: 8.1 - 8.5 mm

PERFORMANCE DETAILS

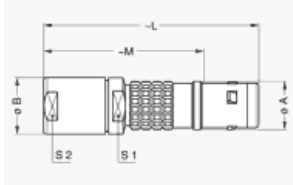
Insert Configuration 1K.314 : 14 Low Voltage
Insulator L: PEEK
Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm² (AWG 28)
Max. Stranded Conductor: 0.09 mm² (AWG 28)
R(max): 8.7 mOhm
Rated Current (A): 2
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 800 V (AC), 1130 V (DC)
Spanner: DCP.91.023.TN

OTHER CHARACTERISTICS

Endurance (Shell) 5000 mating cycles
Temp (min) -55°C deg
Temp (max) +200°C deg
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

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	A	B	L	M	S1	S2
mm	13	14.5	60	46	12	12
in.	0.51	0.57	2.36	1.81	0.47	0.47



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