



Part Number

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FGG.2K.312.CLAC50Z

Status Active

Size/Series 2K / K

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MECHANICAL DETAILS

Shell Style/Model FG*: Straight plug, cable collet and nut for fitting a bend relief
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 C50: 4.6 - 5 mm
Z : Nut for fitting a bend relief

RECOMMENDED TOOLS

Torque wrench: MTZ.2E 175.120

PERFORMANCE DETAILS

Insert Configuration 2K.312 : 12 Low Voltage
Insulator L: PEEK
Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Stranded Conductor: 0.34 mm²2 (AWG 22)
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R(max): 6.1 mOhm
Rated Current (A): 7
Vtest (contact-shell): 1350 V (AC), 1910 V (DC)
Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

OTHER CHARACTERISTICS

Endurance (Shell) 5000 mating cycles
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 M-hz)
Shielding (min): 80 dB (1 GHz)
IP Rating 68
Catalog

