

FGG.2K.308.CYCC65

Status Active

Size/Series 2K / K

Matching EGG.2K.308.CLM

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MECHANICAL DETAILS

Shell Style/Model FG: Straight plug, 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 C65: 6.1 - 6.5 mm

RECOMMENDED TOOLS

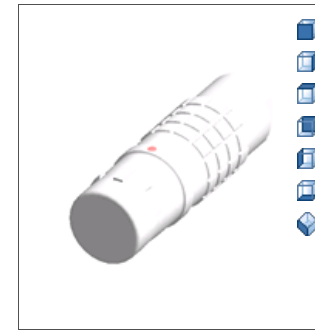
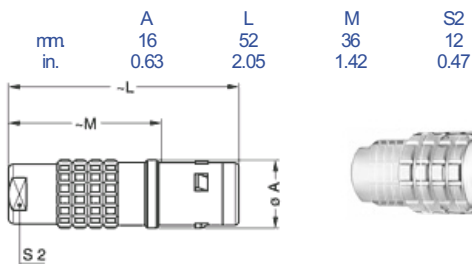
Crimp tool: DPC.91.701.V
Crimp setting: AWG/Selector = 20-22-24/6-5-5
Positioner: DCE.91.092.BVC
Replacement contact: FGG.2B.560.ZZC
Torque wrench: MTZ.2E.175.120

PERFORMANCE DETAILS

Insert Configuration 2K.308 : 8 Low Voltage
Insulator Y: PEEK for crimp contacts
Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.1 mm (0.043in)
Min. Conductor: 0.25 mm² (AWG 24)
Max. Conductor: 0.5 mm² (AWG 20)
R (max): 4.8 mOhm
Rated Current (A): 10
Vtest (contact-shell): 1950 V (AC), 2750 V (DC)
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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
Catalog


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