



Part Number 

[Switch to contextual part search](#)

FGG.2K.302.CYCC65Z

Status Active

Size/Series 2K / K

Matching EGG.2K.302.CYM

 [Request a quote](#)



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 Q65: 6.1 - 6.5 mm
Z : Nut for fitting a bend relief

RECOMMENDED TOOLS

Crimp tool: DFC.91.101.A
Crimp setting: AWG/Selector = 12-14-16/8-7-6
Positioner: DCE.91.202.BVC
Replacement contact: FGG.2B.575.ZZC
Torque wrench: MTZ.2E.175.120

PERFORMANCE DETAILS

Insert Configuration 2K.302 : 2 Low Voltage
Insulator Y: PEEK for crimp contacts
Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 65 N
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 2.4 mm (0.094in)
Min. Conductor: 1.5 mm² (AWG 16)
Max. Conductor: 2.5 mm² (AWG 12)
R (max): 3.3 mOhm
Rated Current (A): 25
Vtest (contact-shell): 2700 V (AC), 3820 V (DC)
Vtest (contact-contact): 2850 V (AC), 4030 V (DC)

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



 [Download 3D draw](#)

