

**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** C65: 6.1 - 6.5 mm  
 Z : Nut for fitting a bend relief

**RECOMMENDED TOOLS**

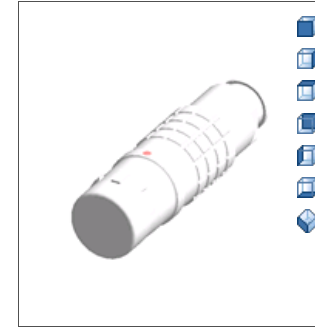
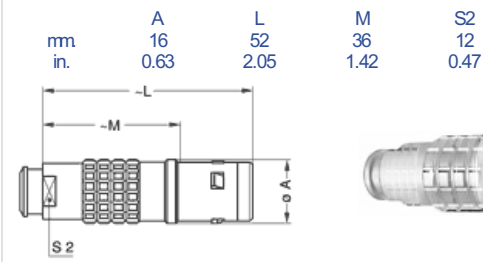
**Crimp tool:** DFC.91.101.A  
**Crimp setting:** AWG/Selector = 12-14-16/8-7-6  
**Positioner:** DCE.91.202.BVC  
**Replacement contact:** FGG.2B.575.ZZC  
**Torque wrench:** MTZ.2E.175.120

**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 mm<sup>2</sup> (AWG 16)  
**Max. Conductor:** 2.5 mm<sup>2</sup> (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](#)


## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Circular MIL Spec Connector](#) category:*

*Click to view products by [LEMO](#) manufacturer:*

Other Similar products are found below :

[89075GULPR](#) [0025-262-542](#) [0025-264-3014](#) [58-570121-04S](#) [0134-213-1208](#) [0134-213-2209](#) [0025-258-000](#) [60-042022-07P](#) [60-042022-19P](#)  
[60-042022-23P](#) [60-042217-10P](#) [0114-201-1278](#) [012-0467-000](#) [602GB06EG24-61SN](#) [0134-201-1207](#) [0134-213-1006](#) [6104-207-2302](#) [6104-](#)  
[208-1902](#) [61-168211-04P](#) [61-168617-10P](#) [6131-202-19149P](#) [6131-204-21149P](#) [6131-208-13149P](#) [6131-209-17149P](#) [6131-210-11149P](#) [6131-](#)  
[211-19149P](#) [6131-216-19149P](#) [6131-259-21149P](#) [6131-259-23149P](#) [6131-265-17149P](#) [6131-265-19149P](#) [CS3100A18-1P-472](#) [CS3100A-36-](#)  
[77P](#) [CS3101A-16-55P](#) [CS3102A-10SL-55P](#) [CS3102A-14S-58P](#) [CS3102A-32-17P](#) [CS3102A32-25S](#) [CS3102C18-4P-472](#)  
[CS3106A10SL3S004](#) [CS3106A-18-73S](#) [CS3108A-14S-52S](#) [CS3108A-28-51S](#) [6162-233-1277](#) [6162-324-1231](#) [M243082296Z](#)  
[M2884010AC1S1](#) [CT0-24-10SC](#) [CT0M20-7PCAU](#) [M28840/17AC1G3](#)