

Part Number

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FGG.2K.304.CYCC80

Status Active

Size/Series 2K / K

Matching EGG.2K.304.CYM

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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 C80: 7.6 - 8 mm
Variant :

PERFORMANCE DETAILS

Insert Configuration 2K.304 : 4 Low Voltage
Insulator Y: FEEK for crimp contacts
Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 40 N
Contact Dia.: 1.3 mm(0.051in)
Bucket Dia.: 1.4 mm(0.055in)
Min. Conductor: 0.5 mm² (AWG 20)
Max. Conductor: 1 mm² (AWG 18)
R(max): 3.6 mOhm
Rated Current (A): 15
Vtest (contact-shell): 2200 V (AC), 3110 V (DC)
Vtest (contact-contact): 2200 V (AC), 3110 V (DC)
Positioner: DCE91.132.BVC

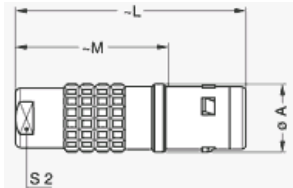
OTHER CHARACTERISTICS

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

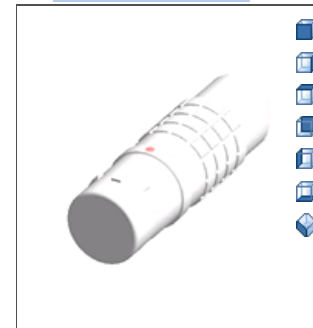
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	A	L	M	S2
mm	16	52	36	12
in.	0.63	2.05	1.42	0.47



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