



Part Number

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FGG.3K.316.CYCC60

Status Active

Size/Series / K

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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 : 5.6 - 6 mm
Variant :
Matching Cable QVN.16.T28.059PGCE
QVN.16.T28.059PNCE

PERFORMANCE DETAILS

Insert Configuration 3K.316 : 16 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): 8
Vtest (contact-shell): 1500 V (AC), 2150 V (DC)
Vtest (contact-contact): 1800 V (AC), 2550 V (DC)
Extractor: DCE.91.093.5LT
Positioner: DCE.91.093.BVC

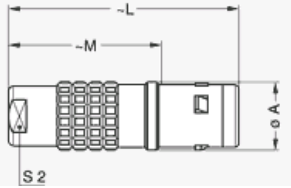
OTHER CHARACTERISTICS

Endurance (Shell)
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



	A	L	M	S2
mm	19	61	41	15
in.	0.75	2.40	1.61	0.59



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