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FGG.2B.318.CYCD82Z

Status Active

Size/Series / B

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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 : 7.3 - 8.2 mm
Z : Nut for fitting a bend relief
Matching Cable QVN.18.T22.080PGCE
QVN.18.T22.080PNCE



RECOMMENDED TOOLS

Crimp tool: DPC.91.701.V
Crimp setting: AWG/Selector = 22-24-26/6-5-5
Positioner: DCE.91.072.BVC
Replacement contact: FGG.2B.555.ZZC
Spanner: DCP.91.023.TN
Torque wrench: MTZ.2B.220.120

PERFORMANCE DETAILS

Insert Configuration 2B.318 : 18 Low Voltage
Insulator Y: PEEK for crimp contacts
Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm²2 (AWG 26)
Max. Conductor: 0.34 mm²2 (AWG 22)
R (max): 6.1 mOhm
Rated Current (A): 5.5
Vtest (contact-shell): 2100 V (AC), 2970 V (DC)
Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

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): 75 dB (10 M-hz)
Shielding (min): 40 dB (1 GHz)
IP Rating 50
Catalog



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