



Part Number . . . 

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PHG.3B.304.CYMD12

Status Active

Size/Series / B

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MECHANICAL DETAILS

Shell Style/Model Keying FH*: Free receptacle, cable collet
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 D12: 10.8 - 11.9 mm
:

RECOMMENDED TOOLS

Crimp tool: DPC.91.701.V
Crimp setting: AWG/Selector = 12-14-16/8-7-6
Positioner: DCE.91.203.BVQM
Extractor: DCF.91.203.5LT
Replacement contact: EGG.3B.675.ZZM
Spanner: DCP.91.023.TN
Torque wrench: MTZ.3B.355.140

PERFORMANCE DETAILS

Insert Configuration 3B.304 : 4 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): 19
Vtest (contact-shell): 2200 V (AC), 3110 V (DC)
Vtest (contact-contact): 2500 V (AC), 3540 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



	A	L	S1	S2
mm	19	56	15	14
in.	0.75	2.20	0.59	0.55

