



Part Number

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PFG.1B.307.CLLD52Z

Status Active

Size/Series 1B / B

Matching FGG.1B.307.CLAD52Z

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MECHANICAL DETAILS

Shell Style/Model FF: Fixed receptacle, with two nuts, cable collet (back panel mounting)
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 D52: 4.3 - 5.2 mm
 Z: Nut for fitting a bend relief
Matching Cable QMN.07.T28.044PGCE
 QMN.07.T28.044PNCE



RECOMMENDED TOOLS

Spanner: DCP.91.001.TN
Torque wrench: MTZ.1B.132.090

PERFORMANCE DETAILS

Insert Configuration 1B.307 : 7 Low Voltage
Insulator L: PEEK
Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Rated Current (A): 7
Vtest (contact-shell): 1050 V (AC), 1490 V (DC)
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

OTHER CHARACTERISTICS

Endurance (Shell)
Temp (min) -55°C deg
Temp (max) +250°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): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating 50
Catalog



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	A	B	E	L	M	S1	S2	S3	e
mm	16	16	5	40.5	3.5	10.5	9	14	M12x1.0
in.	0.63	0.63	0.20	1.59	0.14	0.41	0.35	0.55	

