

FHG.0B.307.CLAD42

Status
Alternative

Size/Series 0B / B

Matching

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MECHANICAL DETAILS

Shell Style/Model FH*: Elbow 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 Variant D42: 3.3 - 4.2 mm : **NEW COLLET**

PERFORMANCE DETAILS

Insert Configuration 0B.307 : 7 Low Voltage
Insulator L: PEEK
Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm² (AWG 28)
Max. Stranded Conductor: 0.09 mm² (AWG 28)
R (max): 8.7 mOhm
Rated Current (A): 2.5
Vtest (contact-shell): 700 V (AC), 990 V (DC)
Vtest (contact-contact): 800 V (AC), 1130 V (DC)
Spanner: DCP.91.001.TN

OTHER CHARACTERISTICS

Endurance (Shell) 5000
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: >144 hr
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating 50

[Catalog](#)



	A	D	H	L	M	S1	S2	S3
mm.	11	6.5	26	31.6	21.6	10	7	8
in.	0.43	0.26	1.02	1.24	0.85	0.39	0.28	0.31

