



Part Number 

EGG.3B.307.CLL

Status Active

Size/Series 3B / B

Matching FGG.3B.307.CLAD10

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MECHANICAL DETAILS

Shell Style/Model EG*: Fixed receptacle, nut fixing

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 : 0 - 0 mm

Variant :

	A	B	E	L	M	N	S1	S3	e
mm.	22	25	11.5	30.7	2	28.1	16.5	22	M18x1.0
in.	0.87	0.98	0.45	1.21	0.08	1.11	0.65	0.87	

PERFORMANCE DETAILS

Insert Configuration 3B.307 : 7 Low Voltage

Insulator L: PEEK

Specifications

Contact Type: Solder

Max. Matings: 5000

Contact Dia.: 1.6 mm (0.063in)

Bucket Dia.: 1.4 mm (0.055in)

Max. Solid Conductor: 1 mm² (AWG 16)

Max. Stranded Conductor: 1 mm² (AWG 18)

R (max): 3.5 mOhm

Vtest (contact-shell): 1250 V (AC), 1770 V (DC)

Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

Rated Current: 15 A (AC/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: >144 hr

Climatical Category: 50/175/21

Shielding (min): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

IP Rating 50

Catalog

