SUMMARY

Wires

Low	6
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Image is for illustrative purpose only

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PCB Eagle Pattern

Catalog

Series	1B
Termination type	Female print PCB
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	FGG.1B.306.CLAD42Z
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EY*: Fixed receptacle for printed circuit, nut fixing (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	: 0 - 0 mm
Variant	

Performance

Configuration	1B.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	7 Amps

Specifications

Contact Type: Print (straight)
Max. Matings: 5000
Contact Dia.: 0.7 mm (0.028in)

R (max): 6.1 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 1050 V (AC), 1490 V (DC)

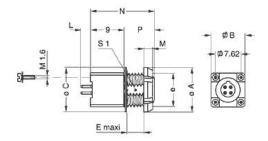## Others

Temp (min / max): -55°C / +250°C
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

DRAWINGS

Draws

Dimensions

	A	B	C	D	E	M	N	P	e
mm.	14	12	16	7.62	5	3.5	19	10	M11x0.5
in.	0,55	0,47	0,63	0,30	0,20	0,14	0,75	0,39	

RECOMMENDED BY LEMO

Tools

None

Cables