

SUMMARY



Wires

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

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Series

Termination type	Male solder
IP rating	50
Cable Ø	8.30 - 9.20 mm
Matching parts	EGG.2B.306.CLL

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FP*: Elbow (90°) plug with cable collet for bend relief
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	∅ 8.3 - 9.2 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	2B.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	12 Amps

Specifications

Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm ² (AWG 20)
Max. Stranded Conductor: 0.5 mm ² (AWG 20)
R (max): 3.6 mOhm
Vtest (contact-shell): 1450 V (AC), 2050 V (DC)

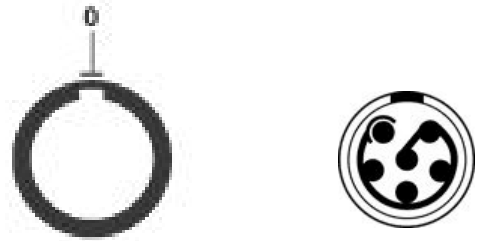
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

Others

Humidity (max): $\leq 95\%$ [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	H	L	M	S1	S2	S3
mm.	15	40.5	41.5	29.5	13.5	12	13
in.	0,59	1,59	1,63	1,16	0,53	0,47	0,51

RECOMMENDED BY LEMO

Tools

Spanner wrench: MTZ.2B.220.120

Cables