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FPG.2B.314.CLAD52Z

SUMMARY

Wires

 Low
 14

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 2B

Termination type Male solder

IP rating 50

Cable Ø 4.30 - 5.20 mm

Matching parts EGG.2B.314.CLL

Status active

Alternative part



Image is for illustrative purpose only

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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 D52: 4.3 - 5.2 mm

Variant Z: Nut for fitting a bend relief

Weight 38.81 g

Performance

Configuration 2B.314: 14 Low Voltage

Insulator L: PEEK (UL 94 / V-0/3.2, depends on material thickness)

Rated Current 6.5 Amps

Specifications

Contact Type: Solder Max. Matings: 5000

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Contact Dia.: 0.7 mm (0.028in) Bucket Dia.: 0.8 mm (0.031in)

Max. Stranded Conductor: 0.34 mm² (AWG 22)

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R (max): 6.1 mOhm

Vtest (contact-shell): 1350 V (AC), 1910 V (DC) Vtest (contact-contact): 1150 V (AC), 1630 V (DC)

Others

Temp (min / max): -55° C / $+250^{\circ}$ C

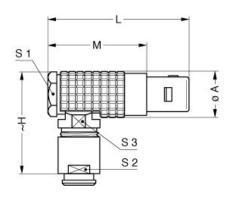
Humidity (max): $\leq 95\%$ [at 60 deg C /140 F]

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

	А	Н	L	М	S1	S2	S 3
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

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RECOMMENDED BY LEMO

Tools

Spanner wrench: MTZ.2B.220.120

Cables

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