

FPG.1B.307.CLAD62Z

SUMMARY

Wires

Low	7
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0
Series	1B
Termination type	Male solder
IP rating	50
IP rating Cable Ø	50 5.30 - 6.20 mm
-	
Cable Ø	5.30 - 6.20 mm

Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FP*: Elbow (90 \hat{A}°) 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	D62: 5.3 - 6.2 mm
Variant	Z : Nut for fitting a bend relief
Weight	21.66 g
Performance	

Configuration	1B.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	7 Amps

Specifications

Contact Type: Solder Max. Matings: 5000

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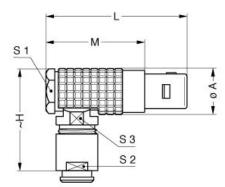
Contact Dia.: 0.7 mm (0.028in) Bucket Dia.: 0.8 mm (0.031in) Max. Stranded Conductor: 0.34 mm^2 (AWG 22) Max. Conductor: 0.34 mm^2 (AWG 22) R (max): 6.1 mOhm Vtest (contact-shell): 1050 V (AC), 1490 V (DC) Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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

	А	Н	L	Μ	S1	S2	\$3
mm.	12	33.5	36	25	11	9	10
in.	0,47	1,32	1,42	0,98	0,43	0,35	0,39

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RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1B.015.PA090

Cables

CMN.07.T22.055PGCE	PVC	GREY	>====<
CMN.07.T22.055PGZE		Grey	
CMN.07.T22.055PNCE	PVC	Black	>
CMN.07.T22.055PNZE			
270 250	PVC	Grey	

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