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FPG.1B.302.CLAD42

SUMMARY

Wires

 Low
 2

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 1B

Termination type Male solder

IP rating 50

Cable Ø 3.10 - 4.20 mm

Matching parts EGG.1B.302.CLL

Status active

Alternative part



Image is for illustrative purpose only

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model FP*: Elbow (90°) plug with cable collet

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 D42: 3.1 - 4.2 mm

Variant

Weight 21.97 g

Performance

Configuration 1B.302: 2 Low Voltage

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

Rated Current 15 Amps

Specifications

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 1.3 mm (0.051in)

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Bucket Dia.: 1 mm (0.039in)

Max. Solid Conductor: 0.5 mm² (AWG 20) Max. Stranded Conductor: 0.5 mm² (AWG 20)

R (max): 3.6 mOhm

Vtest (contact-shell): 1350 V (AC), 1910 V (DC) Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

Others

Temp (min / max): -55°C / +250°C

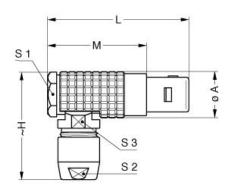
Humidity (max): <=95% [at 60 deg C /140 F]

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	М	S1	S2	S 3
mm.	12	29	36	25	11	9	10
in.	0,47	1,14	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

002 080	PVC	Grey	
002 280	PVC	Black	
020 140	PVC	Grey	-1-
020 140	PVC	Grey	-1-
020 141	PVC	Grey	
020 142	PVC	Red	-14 -1-
020 143	PVC	Green	
020 144	PVC	Black	
020 145	PVC	Yellow	
020 146	PVC	Black	
020 240	PTFE	White	
020 260	PVC	Black	
020 264	PVC	Black	
020 266	PVC	Violet	

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