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FHL.3B.318.CYMD12

SUMMARY

Wires

 Low
 18

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 3B

Termination type Female crimp

IP rating 50

Cable Ø 10.80 - 11.90 mm

Matching parts

Status active

Alternative part



Image is for illustrative purpose only

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model FH*: Elbow plug, cable collet

Keying 2 keys (gamma=70, plug: female contacts, receptacle: male contacts)

Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Cable Fixing D12: 10.8 - 11.9 mm

Variant

Weight 64.72 g

Performance

Configuration 3B.318: 18 Low Voltage
Insulator Y: PEEK for crimp contacts

Rated Current 7 Amps

Specifications

Contact Type: Crimp Max. Matings: 5000 Contact Retention: 30 N

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Contact Dia.: 0.9 mm (0.035in) Bucket Dia.: 1.1 mm (0.043in)

Min. Conductor: 0.25 mm² (AWG 24) Max. Conductor: 0.5 mm² (AWG 20)

R (max): 4.8 mOhm

Vtest (contact-shell): 1600 V (AC), 2250 V (DC) Vtest (contact-contact): 1850 V (AC), 2600 V (DC)

Others

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

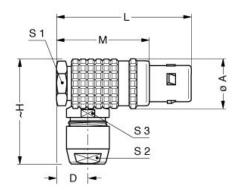
Humidity (max): <=95% [at 60 deg C /140 F]

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	D	Н	L	М	S1	S2	S 3
mm.	19	10	37	50	35	17	14	15
in.	0,75	0,39	1,46	1,97	1,38	0,67	0,55	0,59

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: DCE.91.093.BVM Extractor: DCF.91.093.5LT

Replacement contact: EGG.3B.660.ZZM Spanner wrench: DCD.3B.040.PA140

Cables

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