

Excellent Integrated System Limited

Stocking Distributor

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[LEMO](#)
[FGJ.3B.304.CYMD72](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

FGJ.3B.304.CYMD72

SUMMARY

Wires

Low	4
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series	3B
Termination type	Female crimp
IP rating	50
Cable Ø	6.30 - 7.70 mm
Matching parts	EGJ.3B.304.CYC

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
Keying	2 keys (alpha=37.5, 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	D72: 6.3 - 7.7 mm
Variant	

Performance

Configuration	3B.304 : 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	19 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 65 N
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 2.4 mm (0.094in)
Min. Conductor: 1.5 mm ² (AWG 16)
Max. Conductor: 2.5 mm ² (AWG 12)
R (max): 3.3 mOhm

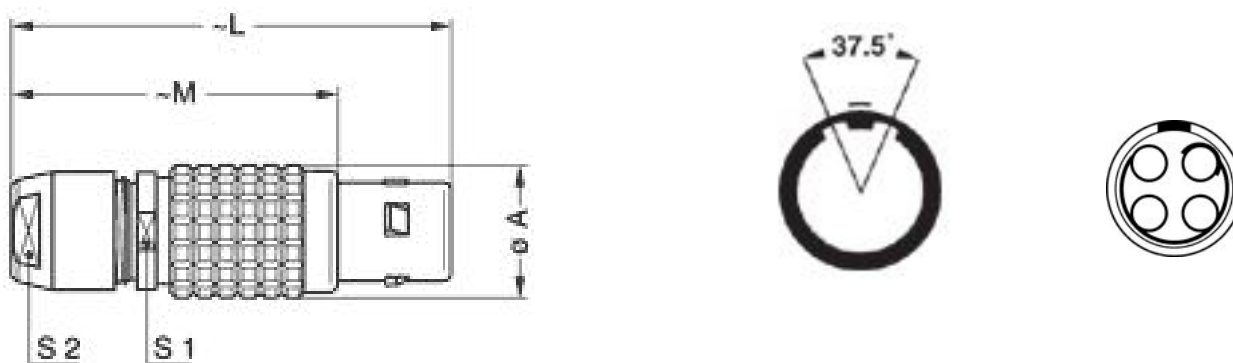
Vtest (contact-shell): 2200 V (AC), 3110 V (DC)
 Vtest (contact-contact): 2500 V (AC), 3540 V (DC)

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

	A	L	M	S1	S2
mm.	18	58	43	15	14
in.	0,71	2,28	1,69	0,59	0,55



RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.101.A
 Crimp settings: AWG/Selector = 12-14-16/8-7-6
 Positionner: DCE.91.203.BVCM
 Extractor: DCC.91.202.5LA

Replacement contact: EGG.3B.675.ZZM
 Spanner wrench: MTZ.3B.355.140

Cables

240 750	PVC	Grey	
417 920	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	