

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[LEMO](#)

[FHG.2B.316.KLAD42Z](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

FHG.2B.316.KLAD42Z

SUMMARY

Wires

Low	16
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



Download

[Request a quote](#)

[Catalog](#)

Series	2B
Termination type	Male solder
IP rating	50
Cable Ø	3.30 - 4.20 mm
Matching parts	ECG.2B.316.KLL

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FH*: Elbow plug, cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (black chrome) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	D42: 3.3 - 4.2 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	2B.316 : 16 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 Amps

Specifications

Contact Type:	Solder
Max. Matings:	5000
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):	1250 V (AC), 1770 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

	A	D	H	L	M	S1	S2	S3
mm.	16.5	9	34	41.5	29.5	14	12	13
in.	0,65	0,35	1,34	1,63	1,16	0,55	0,47	0,51

RECOMMENDED BY LEMO

Tools

Spanner wrench: MTZ.2B.220.120

Cables



Distributor of LEMO: Excellent Integrated System Limited

Datasheet of FHG.2B.316.KLAD42Z - CONN PLUG 16POS ELBOW PIN SLD CP

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com
