



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SUMMARY

Wires

| | |
|---------|----|
| Low | 30 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

| | |
|------------------|------------------|
| Series | 4B |
| Termination type | Male crimp |
| IP rating | 50 |
| Cable Ø | 13.60 - 15.00 mm |
| Matching parts | EGG.4B.330.CLL |
| Status | |
| Alternative part | |



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug, cable collet and nut for fitting a 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 | D15: 13.6 - 15 mm |
| Variant | Z : Nut for fitting a bend relief |

Performance

| | |
|---------------|----------------------------|
| Configuration | 4B.330 : 30 Low Voltage |
| Insulator | Y: PEEK for crimp contacts |
| Rated Current | 5 Amps |

Specifications

| |
|---|
| Contact Type: Crimp |
| Max. Matings: 5000 |
| Contact Retention: 30 N |
| Contact Dia.: 0.9 mm (0.035in) |
| Bucket Dia.: 1.1 mm (0.043in) |
| Min. Conductor: 0.25 mm ² (AWG 24) |

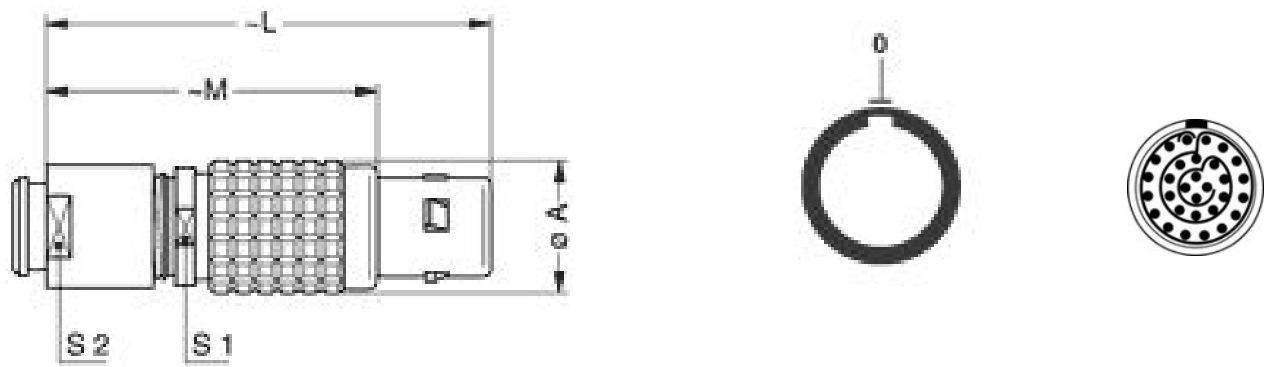
Max. Conductor: 0.5 mm² (AWG 20)
R (max): 4.8 mOhm
Vtest (contact-shell): 1450 V (AC), 2050 V (DC)
Vtest (contact-contact): 1750 V (AC), 2500 V (DC)

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. | 25 | 71 | 53 | 21 | 20 |
| in. | 0,98 | 2,80 | 2,09 | 0,83 | 0,79 |

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: DCE.91.094.BVC
Extractor: DCF.91.093.5LT
Replacement contact: FGG.4B.560.ZZC
Caps: BFG.4B.100.NAS

Cables