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PHG.0B.303.CLLD52Z

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series 0B

Termination type Female solder

IP rating 50

AWG wire size 28.00 - 20.00 Cable Ø 4.30 - 5.20 mm

Status active

Matching parts FGG.0B.303.CLAD52Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PH*: Free receptacle, 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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290]

brass latch sleeve and mid pieces

Variant Z: Nut for fitting a bend relief

Weight 9.64 g

Performance

Configuration 0B.303 : 3 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 8 Amps

Specifications

Contact Type: Solder

Contact Dia.: 0.9 mm (0.035in) Bucket Dia.: 1.0 mm (0.039in)

Max. Solid Conductor: 0.56 mm² (AWG 20) Max. Stranded Conductor: 0.56 mm² (AWG 20)

R (max): 4.8 mOhm

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Vtest (contact-shell): 900 V (AC), 1270 V (DC) Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

Others

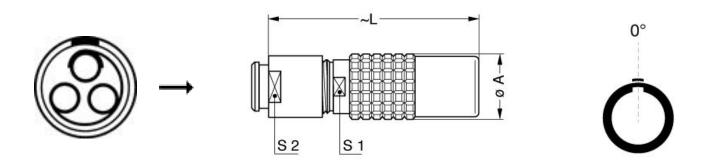
Endurance (Shell): 5000

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] Climatical Category: 50/175/21 Shielding (min): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz) Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	S1	S2
mm.	9.5	34.5	8	7
in.	0,37	1,36	0,31	0,28

RECOMMENDED BY LEMO

Tools

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Cables

130240	PVC	Black	- K-C
130250	PVC	Grey	
30260	PVC	Black	
3220	PVC	Black	
60080	PVC	Grey	