

PHD.2B.308.CLLD72

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series 2B

Termination type Female solder

IP rating 50

AWG wire size 30.00 - 22.00 Cable Ø 6.30 - 7.20 mm

Status active

Matching parts FGD.2B.308.CLAD72

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PH*: Free receptacle, cable collet

Keying 2 keys (gamma=95, 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

Weight 37.79 g

Performance

Configuration 2B.308: 8 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 10 Amps

Specifications

Contact Type: Solder

Contact Dia.: 0.9 mm (0.035in) Bucket Dia.: 0.8 mm (0.031in)

Max. Solid Conductor: 0.34 mm² (AWG 22) Max. Stranded Conductor: 0.34 mm² (AWG 22)

R (max): 4.8 mOhm

Vtest (contact-shell): 1250 V (AC), 1770 V (DC) Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

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Others

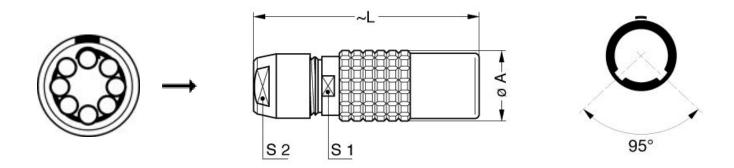
Endurance (Shell): 5000

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

DRAWINGS



Dimensions

	А	L	S1	S2
mm.	16.5	47	13	12
in.	0,65	1,85	0,51	0,47

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.2B.025.PA120

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Cables

108220	PVC	Black	
280250	PVC	Grey	>=====

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