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PHJ.2B.314.CYCD99

SUMMARY

Wires

Low voltage	**14**



Image is for illustrative purpose only

Series	2B
Termination type	Male crimp
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	9.30 - 9.90 mm
Status	active
Matching parts	FGJ.2B.314.CYMD99

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, 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

Performance

Configuration	2B.314 : 14 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	6.5 Amps

Specifications

Contact Type: Crimp
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm^2 (AWG 26)
Max. Conductor: 0.34 mm^2 (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1950 V (AC), 2750 V (DC)
Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

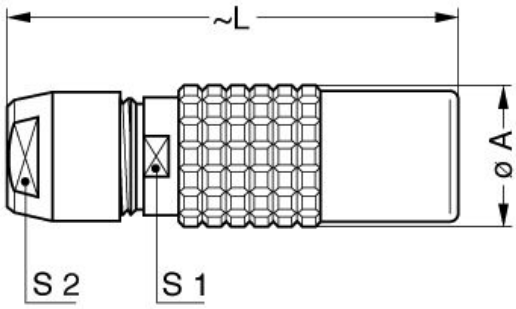
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Others

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

Draws







Dimensions

	A	L	S1	S2
mm.	16.5	47	13	12
in.	0.65	1.85	0.51	0.47

RECOMMENDED BY LEMO

Tools

Crimp Tool:	DPC.91.701.V
Crimp settings:	AWG/Selector = 22-24-26/6-5-5

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Positionner:	DCE.91.072.BVC
Extractor:	DCF.92.070.3LT
Replacement contact:	FGG.2B.555.ZZC
Spanner wrench:	DCD.2B.025.PA120

Cables

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