

SUMMARY

Wires

Low voltage 16



Image is for illustrative purpose only

Series	2B
Termination type	Female crimp
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	9.30 - 9.90 mm
Status	active
Matching parts	FGG.2B.316.LYCD99T

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Aluminum alloy (anodized) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant	T : Natural aluminum color
Weight	20.28 g

Performance

Configuration	2B.316 : 16 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	6 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)

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R (max): 6.1 mOhm

Vtest (contact-shell): 1750 V (AC), 2500 V (DC)

Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

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]

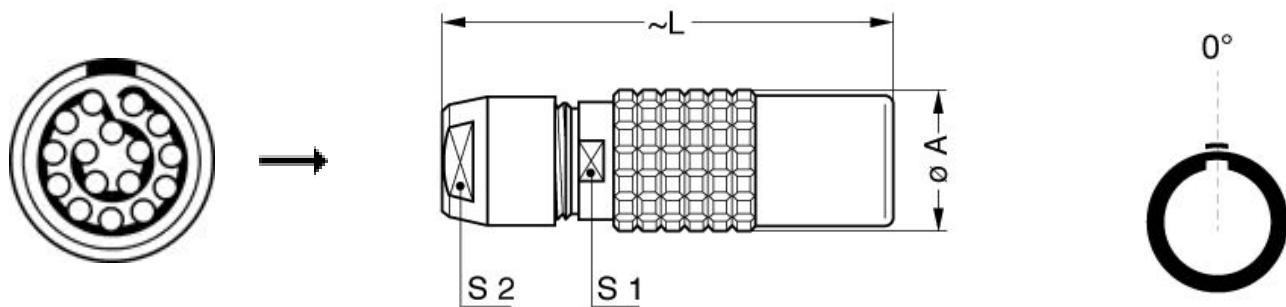
Shock Resistance: 100 g [6 ms]

Climatical Category: 50/175/21

Shielding (min): 75 dB (10 MHz)

Shielding (min): 40 dB (1 GHz)

DRAWINGS



Dimensions

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

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 22-24-26/6-5-5
Positionner: [DCE.91.072.BVM](#)
Extractor: [DCF.91.070.2LT](#)
Replacement contact: EGG.2B.655.ZZM
Spanner wrench: [DCD.2B.025.PA120](#)

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