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FGG.0B.307.CLAD42Z

SUMMARY

Wires

Low voltage	**7**



Image is for illustrative purpose only

Series	0B
Termination type	Male solder
IP rating	50
AWG wire size	34.00 - 28.00
Cable Ø	3.30 - 4.20 mm
Status	active
Matching parts	EGG.0B.307.CLL
	PHG.0B.307.CLLD42Z

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Eplan

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See video assembly instructions

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 [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	8.72 g

Performance

Configuration	0B.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.5 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm^2 (AWG 28)
Max. Stranded Conductor: 0.09 mm^2 (AWG 28)
R (max): 8.7 mOhm

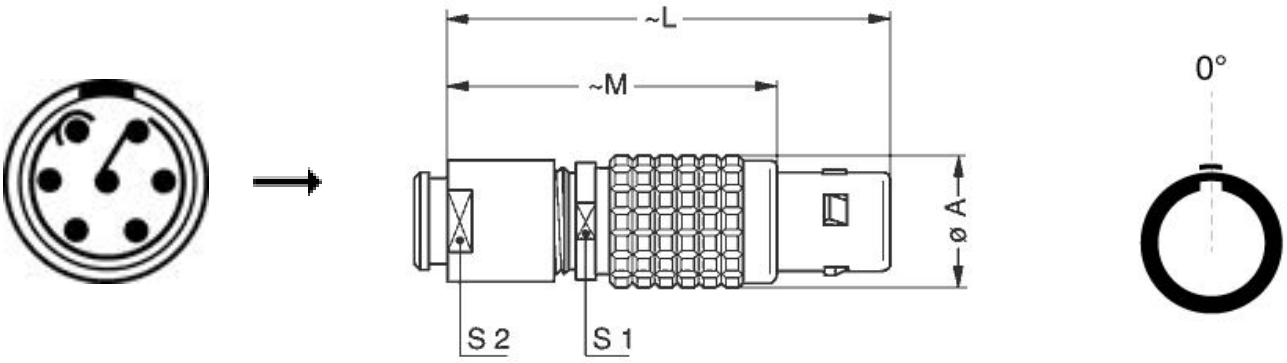
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Vtest (contact-shell): 700 V (AC), 990 V (DC)
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

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)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	9.5	35	25	8	7
in.	0,37	1,38	0,98	0,31	0,28

RECOMMENDED BY LEMO

Tools

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Spanner wrench:	DCD.0B.005.PA070
Caps:	BFG.0B.100.PCSG

Cables

7050	PVC	Black	

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