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FGG.0B.305.CYCD52Z

SUMMARY

Wires

Low voltage	**5**



Image is for illustrative purpose only

Series	0B
Termination type	Male crimp
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	EGG.0B.305.CYM
	PHG.0B.305.CYMD52Z

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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	9.92 g

Performance

Configuration	0B.305 : 5 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)

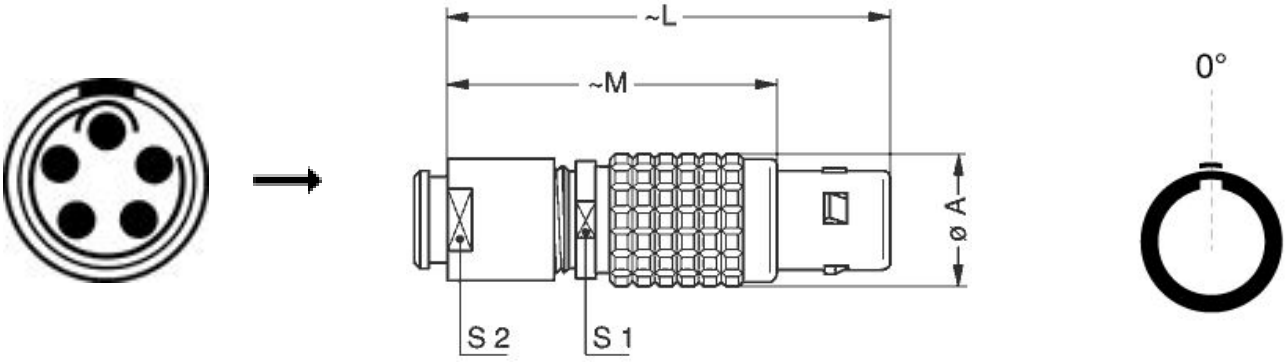
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R (max): 6.1 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

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

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Tools

Crimp Tool:	DPC.91.701.V
Crimp settings:	AWG/Selector = 22-24-26/6-5-5
Positionner:	DCE.91.070.BVC
Extractor:	DCF.92.070.3LT
Replacement contact:	FGG.0B.555.ZZC
Spanner wrench:	DCD.0B.005.PA070
Caps:	BFG.0B.100.PCSG

Cables

CMN.05.T22.051QGZE	TPR (medical)	Grey	
50090	PVC	Black	
50140	PVC	Grey	

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