

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series	1B
Termination type	Male crimp
IP rating	50
AWG wire size	26.00 - 22.00
Cable Ø	3.10 - 4.20 mm
Status	active
Matching parts	EGG.1B.306.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FP*: Elbow (90°) plug with cable collet for 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	24.27 g

Performance

Configuration	1B.306 : 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	7 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 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)

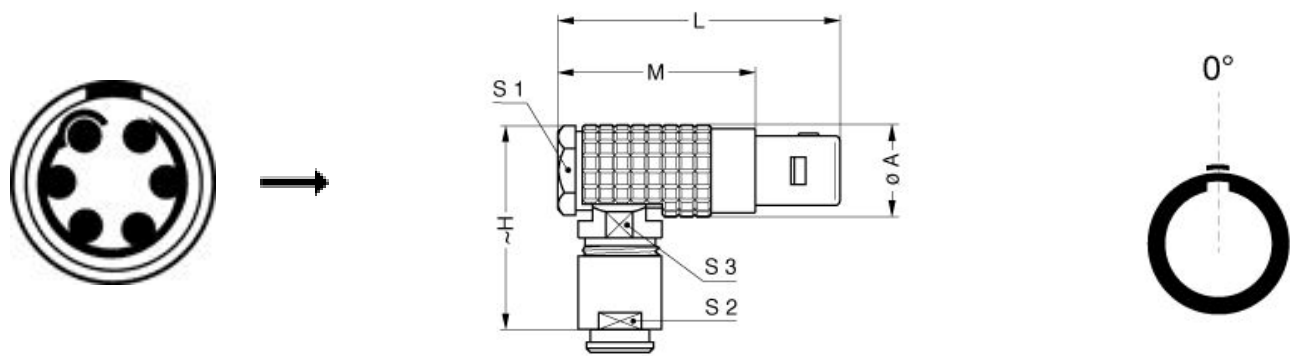
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R (max): 6.1 mOhm
Vtest (contact-shell): 1450 V (AC), 2050 V (DC)
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

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	H	L	M	S1	S2	S3
mm.	12	27.7	36	25	11	9	10
in.	0,47	1,09	1,42	0,98	0,43	0,35	0,39

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Tools

Crimp Tool:	DPC.91.701.V
Crimp settings:	AWG/Selector = 22-24-26/6-5-5
Positionner:	DCE.91.071.BVC
Extractor:	DCF.91.070.2LT
Replacement contact:	FGG.1B.555.ZZC
Spanner wrench:	DCD.1B.015.PA090

Cables

CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.031PGCE	PVC	GREY	
CMN.06.T28.031PGZE		Grey	
CMN.06.T28.031PNCE	PVC	Black	
CMN.06.T28.031PNZE			
CMN.06.T28.042QBCE	TPR (medical)		
60260	PTFE	White	

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