

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series	0B
Termination type	Male crimp
IP rating	50
AWG wire size	32.00 - 28.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	EGA.0B.306.CYM

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[See video assembly instructions](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
Keying	2 keys (alpha=30, 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

Performance

Configuration	0B.306 : 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	2.5 Amps

Specifications

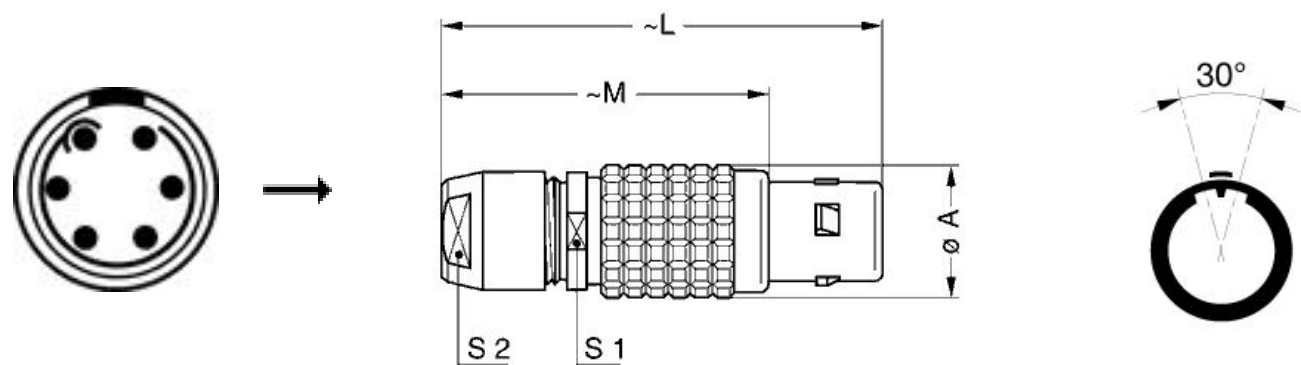
Contact Type: Crimp
Contact Retention: 12 N
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Min. Conductor: 0.035 mm ² (AWG 32)
Max. Conductor: 0.09 mm ² (AWG 28)
R (max): 8.7 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 1400 V (AC), 1980 V (DC)

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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



Dimensions

	A	L	M	S1	S2
mm.	9.5	36	26	8	7
in.	0,37	1,42	1,02	0,31	0,28

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 28-30-32/4-3-3

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Positionner: [DCE.91.050.BVC](#)
Extractor: [DCF.91.050.2LT](#)
Replacement contact: FGG.0B.554.ZZC
Spanner wrench: [DCD.0B.005.PA070](#)

Cables

CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNZE			
6280	PVC	Black	

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