

SUMMARY

Wires

Low voltage	6
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Image is for illustrative purpose only

Series	2B
Termination type	Female crimp
IP rating	50
AWG wire size	20.00 - 18.00
Cable Ø	6.30 - 7.20 mm
Status	active
Matching parts	EGJ.2B.306.CYC

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FP*: Elbow (90°) plug with cable collet
Keying	2 keys (alpha=37.5, plug: female contacts, receptacle: male 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
Weight	44.23 g

Performance

Configuration	2B.306 : 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	12 Amps

Specifications

Contact Type:	Crimp
Contact Retention:	40 N
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1.4 mm (0.055in)
Min. Conductor:	0.5 mm ² (AWG 20)
Max. Conductor:	1 mm ² (AWG 18)
R (max):	3.6 mOhm
Vtest (contact-shell):	2350 V (AC), 3320 V (DC)

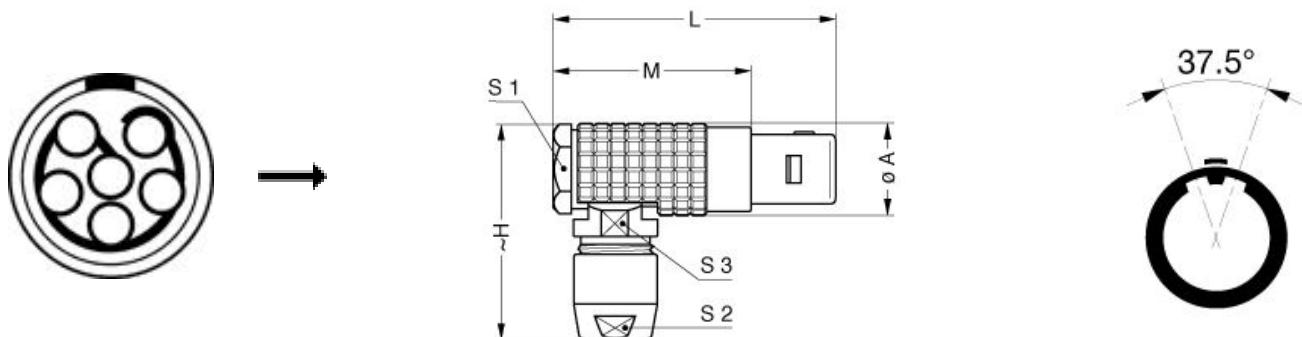
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Vtest (contact-contact): 2000 V (AC), 2850 V (DC)

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.	15	35	41.5	29.5	13.5	12	13
in.	0,59	1,38	1,63	1,16	0,53	0,47	0,51

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 18-20/8-7
Positionner: [DCE.91.132.BVM](#)
Extractor: [DCF.91.131.2LT](#)
Replacement contact: EGG.2B.665.ZZM
Spanner wrench: [DCD.2B.025.PA120](#)

Cables

CMN.06.T18.070PGZE		Grey	
CMN.06.T18.070PNZE			

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