

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series	2B
Termination type	Male crimp
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	9.30 - 9.90 mm
Status	active
Matching parts	EGA.2B.306.CLL

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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
Weight	28.09 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.: 1.1 mm (0.043in)
Max. Solid Conductor: 0.5 mm ² (AWG 20)
Max. Stranded Conductor: 0.5 mm ² (AWG 20)
Min. Conductor: 0.25 mm ² (AWG 24)
Max. Conductor: 0.5 mm ² (AWG 20)

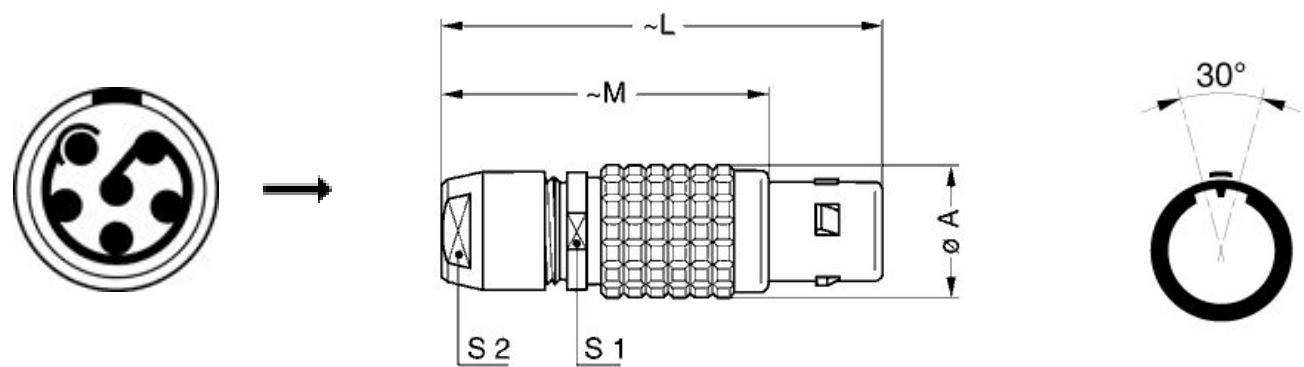
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R (max): 3.6 mOhm
Vtest (contact-shell): 2350 V (AC), 3320 V (DC)
Vtest (contact-contact): 2000 V (AC), 2850 V (DC)

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	L	M	S1	S2
mm.	15	50	38	13	12
in.	0,59	1,97	1,50	0,51	0,47

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Tools

Crimp Tool:	DPC.91.701.V
Crimp settings:	AWG/Selector = 20-22-24/6-5-5
Positionner:	DCE.91.132.BVC
Extractor:	DCF.91.131.2LT
Replacement contact:	FGG.2B.566.ZZC
Spanner wrench:	DCD.2B.025.PA120

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