

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.OB.306.CYM](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet and nut for fitting a bend relief
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
Variant Z : Nut for fitting a bend relief
Weight 9.16 g

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 mm² (AWG 32)
Max. Conductor: 0.09 mm² (AWG 28)

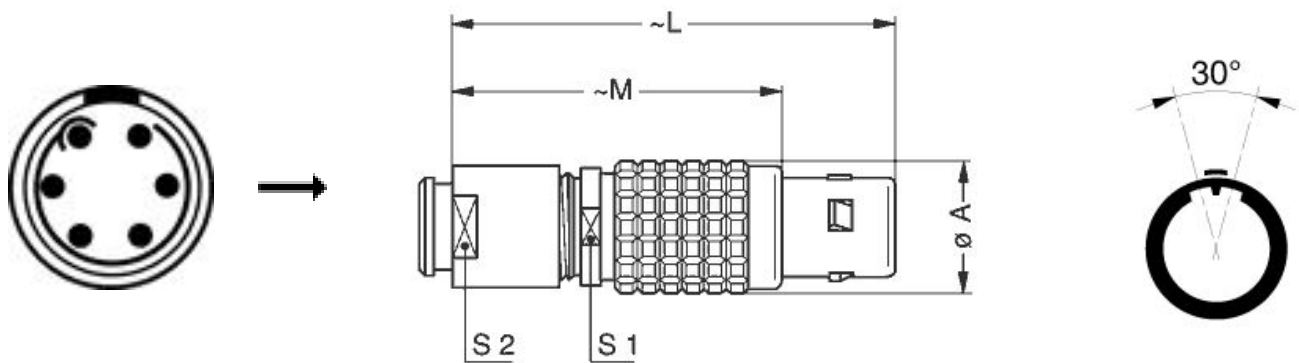
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R (max): 8.7 mOhm
 Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
 Vtest (contact-contact): 1400 V (AC), 1980 V (DC)

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 = 28-30-32/4-3-3
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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