

SUMMARY

Wires

Low voltage 7



Image is for illustrative purpose only

Series 0B
Termination type Male solder
IP rating 50
AWG wire size 34.00 - 28.00
Cable Ø 4.30 - 5.20 mm
Status active
Matching parts [EGF.OB.307.CLL](#)
[PHF.OB.307.CLLD52Z](#)

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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 (beta=155, 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 8.64 g

Performance

Configuration 0B.307 : 7 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 2.5 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm² (AWG 28)
Max. Stranded Conductor: 0.09 mm² (AWG 28)
R (max): 8.7 mOhm

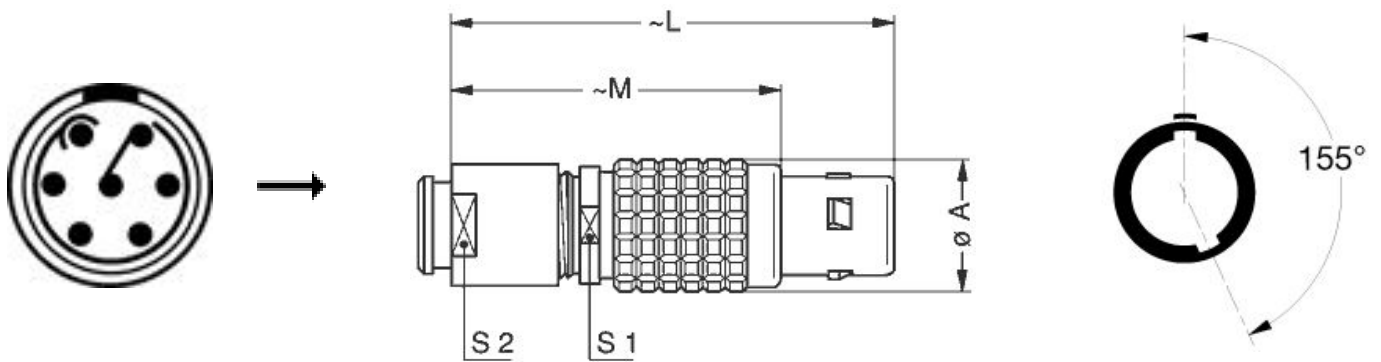
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Vtest (contact-shell): 700 V (AC), 990 V (DC)
 Vtest (contact-contact): 800 V (AC), 1130 V (DC)

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



RECOMMENDED BY LEMO

Tools

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Spanner wrench: [DCD.OB.005.PA070](#)

Cables

CMN.07.T28.044PGZE		Grey	
CMN.07.T28.044PNZE			

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