

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series 0S
Termination type Male crimp
IP rating 50
AWG wire size 24.00 - 20.00
Cable Ø 5.30 - 6.20 mm
Status active
Matching parts [ERA.0S.302.CYM](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FFA*: Straight plug with oversize cable collet
Keying Hermaphroditic keying (half moon insert) with male pin 1
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 12.42 g

Performance

Configuration 0S.302 : 2 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 10 Amps

Specifications

Contact Type: Crimp
Vtest: 1100 V (AC), 1600 V (DC)

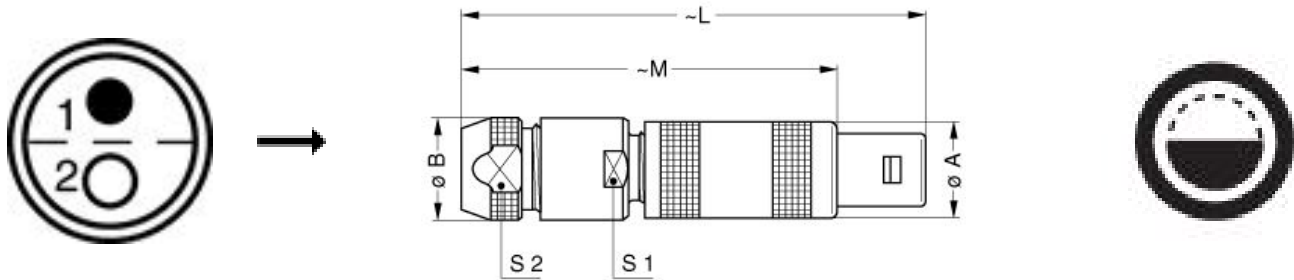
Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55° C / +250° C
Humidity (max): <=95% [at 60 deg C / 140 F]

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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: >144 hr

DRAWINGS



Dimensions

	A	B	L	M	S1	S2
mm.	9	10	45.5	35.5	9	8.5
in.	0,35	0,39	1,79	1,40	0,35	0,33

RECOMMENDED BY LEMO

Tools

- Crimp Tool: [DPC.91.701.V](#)
 Crimp settings: AWG/Selector = 20-22-24/6-5-5
 Positionner: [DCE.91.090.BVC](#)
 Extractor: [DCC.09.05B.LAG](#)
 Replacement contact: FGG.0B.560.ZZC / EGG.0B.660.ZZM
 Spanner wrench: [DCD.0S.ZZZ.PA065](#)

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Cables

102080	PVC	Grey	
120184	PVC	Black	

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