

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series	1S
Termination type	Female crimp
IP rating	50
AWG wire size	20.00 - 18.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FFA.1S.302.CYCK77

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	ERA*: Fixed receptacle, nut fixing
Keying	Hermaphroditic keying (half moon insert) with female 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	9.77 g

Performance

Configuration	1S.302 : 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	15 Amps

Specifications

Contact Type: Crimp
Vtest: 1200 V (AC), 1800 V (DC)

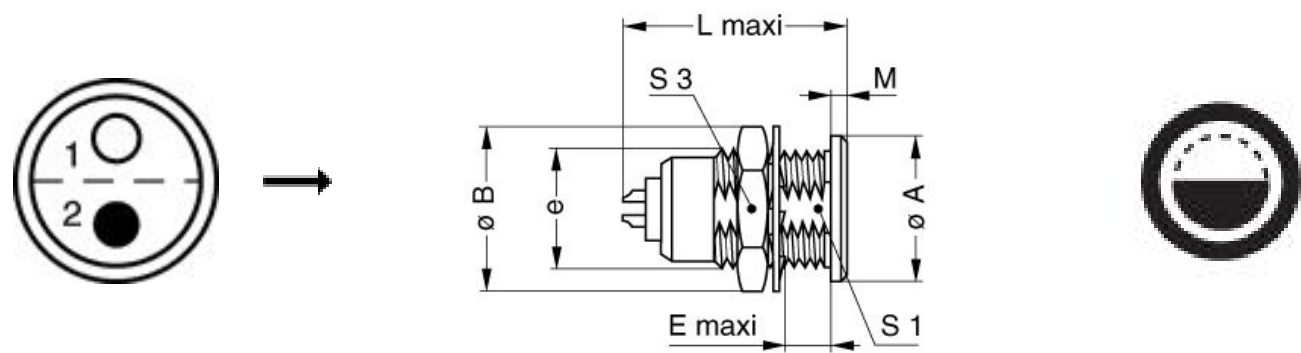
Others

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: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	14	16	7.5	21	1.5	10.5	14	M12x1.0
in.	0,55	0,63	0,30	0,83	0,06	0,41	0,55	

RECOMMENDED BY LEMO

Tools

- Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 18-20/8-7
Positionner: [DCE.91.131.BVM](#)
Extractor: [DCC.13.15B.LAG](#)
Replacement contact: FGG.1B.565.ZZC / EGG.1B.665.ZZM
Spanner wrench: [Socket for torque wrench DCM.15.M12.4](#)

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