

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series	4S
Termination type	Female solder
IP rating	50
AWG wire size	18.00 - 10.00
Cable Ø	9.10 - 10.00 mm
Status	active
Matching parts	FFA.4S.302.CLAC10

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PCA*: Free receptacle, cable collet
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	163.97 g

Performance

Configuration	4S.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	35 Amps

Specifications

Contact Type: Solder
Vtest: 2100 V (AC), 3000 V (DC)

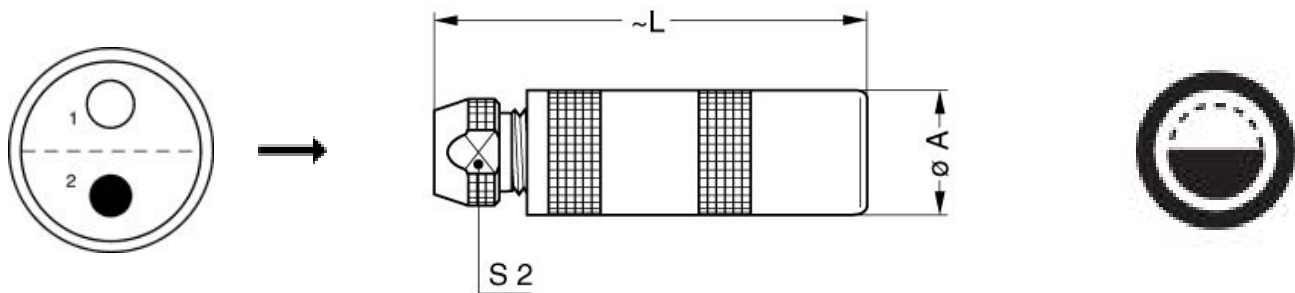
Others

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	L	S2
mm.	24.8	75	19
in.	0,98	2,95	0,75

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Tools

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