

SUMMARY

Wires

Low	3
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



Image is for illustrative purpose only

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Series	1S
Termination type	Male solder
IP rating	50
Cable Ø	4.20 - 5.20 mm
Matching parts	ERA.1S.303.CLL
Status	NRND
Alternative part	FLA.1S.303.CLAC52

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FLA*: Elbow plug, cable collet
Keying	Hermaphroditic keying ("half moon" insert), plug has male pin 1
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C47: 4.2 - 5.2 mm
Variant	
Weight	25.00 g

Performance

Configuration	1S.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	10 Amps

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.9 mm (0.0354in)

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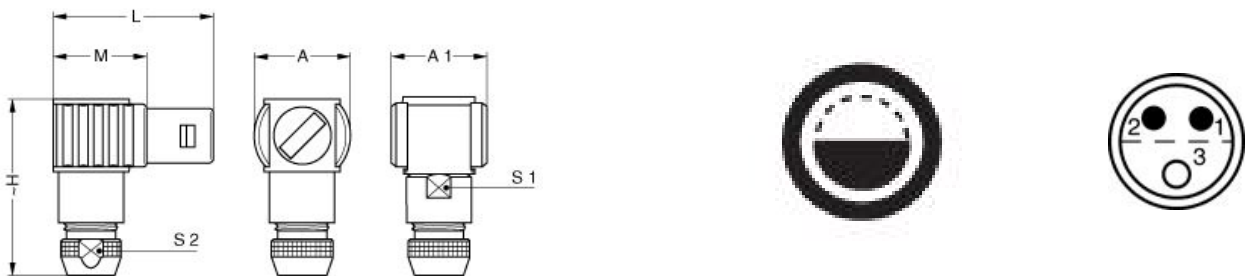
Bucket Dia.: 0.8 mm (0.031in)
 Max. Solid Conductor: 0.34 mm² (AWG 22)
 R (max): 4.8 mOhm
 Vtest: 1200 V (AC), 1800 V (DC)

Others

Endurance (Shell): 5000 mating cycles
 Temp (min / max): -55°C / +250°C
 Humidity (max): <=95% [at 60 deg C / 140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Salt Spray Corrosion: >144 hr
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	A1	H	L	M	S1	S2
mm.	16	16	28.5	26.5	15.5	10	8.5
in.	0,63	0,63	1,12	1,04	0,61	0,39	0,33








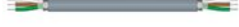
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Tools

None

Cables

CMN.03.T22.049PGCE	PVC	GREY	
CMN.03.T22.049PGZE		Grey	
CMN.03.T22.049PNCE	PVC	Black	
CMN.03.T22.049PNZE			
003 220	PVC	Black	
030 260	PVC	Black	
060 080	PVC	Grey	
130 240	PVC	Black	
130 250	PVC	Grey	

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