

SUMMARY

Wires

Low	18
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



Image is for illustrative purpose only

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Series	3S
Termination type	Male solder
IP rating	50
Cable Ø	9.60 - 10.00 mm
Matching parts	ERA.3S.318.CLL
Status	NRND
Alternative part	FFA.3S.318.CLAC11Z

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
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	C10: 9.6 - 10 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	3S.318 : 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 Amps

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.9 mm (0.0354in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm ² (AWG 22)
R (max):	4.8 mOhm

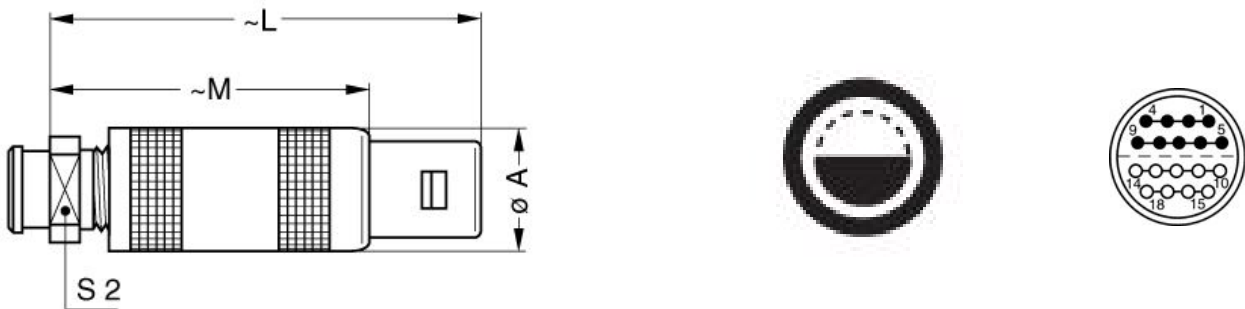
Vtest: 1060 V (AC), 1500 V (DC)

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	L	M	S2
mm.	17.8	61	46	14
in.	0,70	2,40	1,81	0,55

RECOMMENDED BY LEMO

Tools

Spanner wrench: MTZ.3S.500.014

Cables

