

SUMMARY

Wires

Low voltage 19



Image is for illustrative purpose only

Series	2K
Termination type	Female print PCB
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.2K.319.CLAC35Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	HG*: Fixed receptacle, nut fixing, watertight or vacuum-tight
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
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
Variant	P : Watertight
Weight	45.52 g

Performance

Configuration	2K.319 : 19 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5 Amps

Specifications

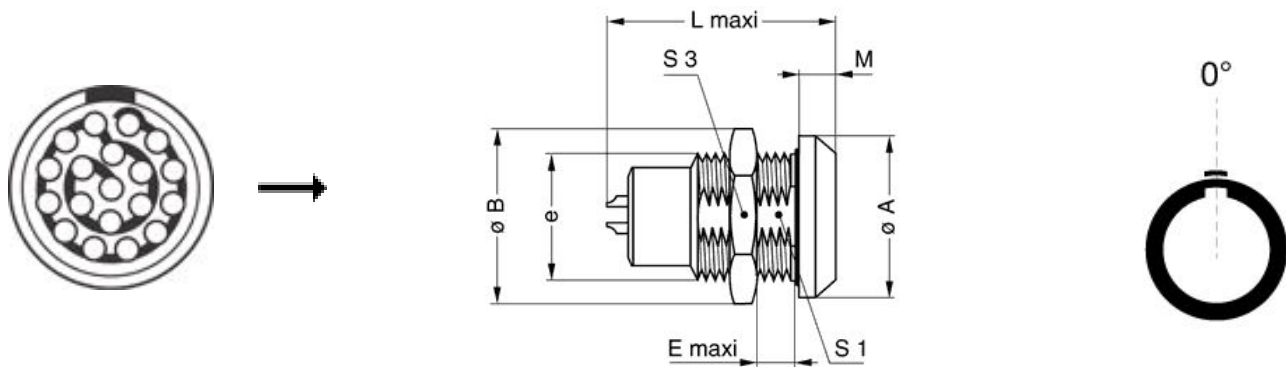
Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest (contact-shell): 1250 V (AC), 1770 V (DC)
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -20°C / +80°C
Humidity (max): <=95% [at 60 deg C /140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 20/80/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr
Pressure: 40 bars

DRAWINGS



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	25	27.5	13	33.7	5	18.5	24	M20x1.0
in.	0,98	1,08	0,51	1,33	0,20	0,73	0,94	

RECOMMENDED BY LEMO

Tools

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