FAG.1K.314.CLD

SUMMARY

Wires

Low voltage	14

Image is for illustrative purpose only

Series	1K
Termination type	Male print PCB
IP rating	68
AWG wire size	34.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	PHG.1K.314.CLLC40

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PCB Eagle Pattern

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Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FA*: Fixed plug, non-latching, nut fixing
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
Weight	22.97 g

Performance

Configuration	1K.314 : 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 Amps

Specifications

Contact Type: Print (straight)
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°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: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS
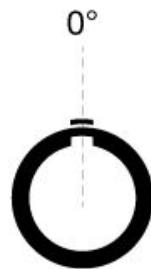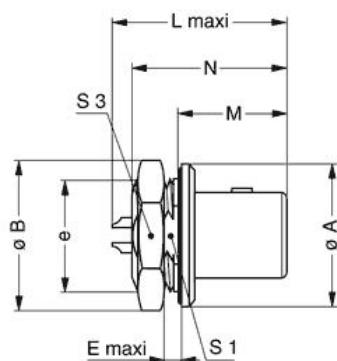
Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	20	21.5	2.3	22.6	16	22.5	14.5	19	M16x1.0
in.	0,79	0,85	0,09	0,89	0,63	0,89	0,57	0,75	

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Tools