

SUMMARY

Wires

Low voltage	16
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Image is for illustrative purpose only

Series	1B
Termination type	Female print PCB
IP rating	50
AWG wire size	34.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.1B.316.GLAD52Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	ENG*: Fixed receptacle with earthing tab, nut fixing, PEEK outer shell
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	PEEK (Polyetheretherketone) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve+mid pieces (if plug)
Weight	5.29 g

Performance

Configuration	1B.316 : 16 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	1.5 Amps

Specifications

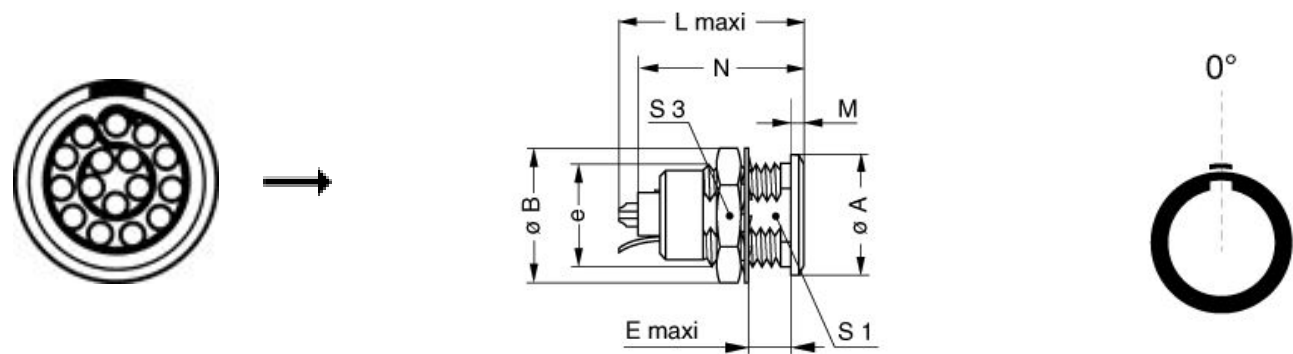
Contact Type: Print (straight)
Contact Dia.: 0.5 mm (0.02in)
R (max): 8.7 mOhm
Vtest (contact-shell): 1250 V (AC), 1770 V (DC)
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

Others

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Endurance (Shell): 5000
Temp (min / max): -50°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]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)

DRAWINGS



Dimensions

	A	B	E _{max}	L	M	N	S1	S3	e
mm.	14	15.8	7.5	23	1.5	21.1	10.5	14	M12x1
in.	0,55	0,62	0,30	0,91	0,06	0,83	0,41	0,55	

RECOMMENDED BY LEMO

Tools

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