

SUMMARY

Wires

Low voltage	16
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Image is for illustrative purpose only

Series	3B
Termination type	Female print PCB
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.3B.316.CLAD92

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EG*: Fixed receptacle, 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	26.96 g

Performance

Configuration	3B.316 : 16 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

Specifications

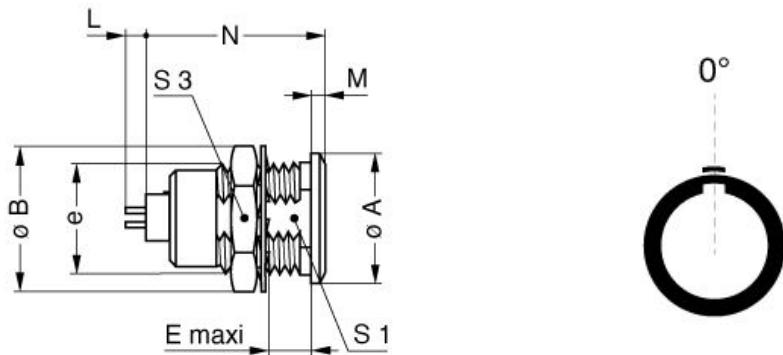
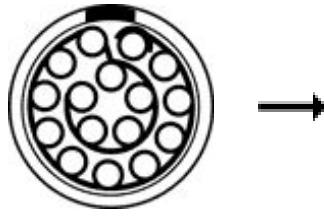
Contact Type:	Print (straight)
Contact Dia.:	0.9 mm (0.035in)
R (max):	4.8 mOhm
Vtest (contact-shell):	850 V (AC), 1200 V (DC)
Vtest (contact-contact):	1200 V (AC), 1700 V (DC)

Others

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Endurance (Shell): 5000
 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]
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	E	Lmax	M	N	S1	S3	e
mm.	22	25	11.5	33.1	2	28.1	16.5	22	M18x1.0
in.	0,87	0,98	0,45	1,30	0,08	1,11	0,65	0,87	

RECOMMENDED BY LEMO

Tools

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