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EXG.0B.303.HLN

SUMMARY

Wires

Low voltage	**3**



Image is for illustrative purpose only

Series	0B
Termination type	Female print PCB
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.0B.303.CLAD32

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EX*: Elbow receptacle for printed circuit with two nuts (solder or screw fixing, back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass
Weight	10.95 g

Performance

Configuration	0B.303/EXG : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	4.5 Amps

Specifications

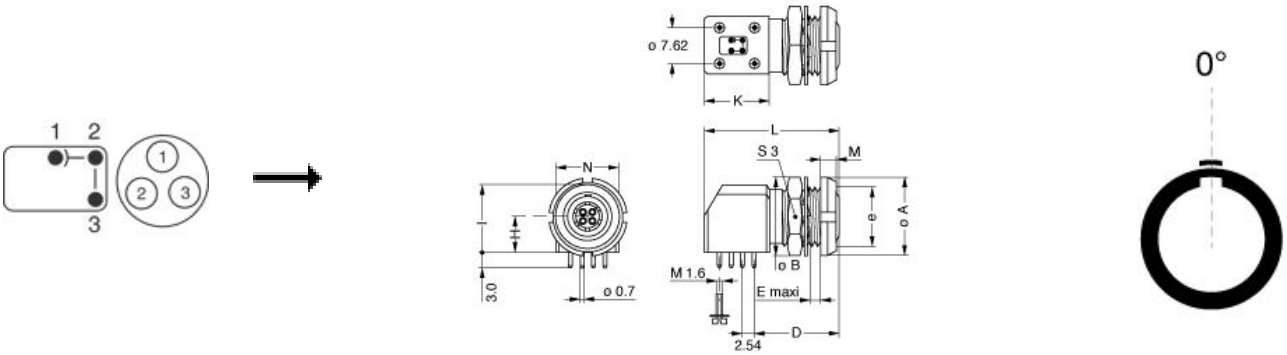
Contact Type: Print (straight)
Contact Dia.: 0.9 mm (0.035in)
R (max): 4.8 mOhm
Test voltage contact-contact : 1.7 kV rms
Test voltage contact-body shell : 1.6 kV rms

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: >144 hr
12NC part number: 4022.438.33211

DRAWINGS



Dimensions

	A	B	D	E	H	I	K	L	M	N	S3	e
mm.	12	12.4	14.6	4.5	6.7	12.6	13.3	25	2.5	11.7	11	M9x0.6
in.	0,47	0,49	0,57	0,18	0,26	0,50	0,52	0,98	0,10	0,46	0,43	

RECOMMENDED BY LEMO

Tools

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