

SUMMARY

Wires

Low voltage	5
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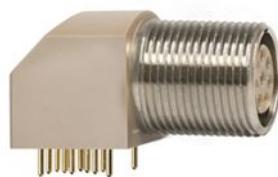


Image is for illustrative purpose only

Series	0B
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.0B.305.CLAD32

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EX*: Elbow receptacle for printed circuit without front nut (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
Variant	Z : No hardware (washer/nut)
Weight	9.12 g

Performance

Configuration	0B.305/EXG : 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	4.5 Amps

Specifications

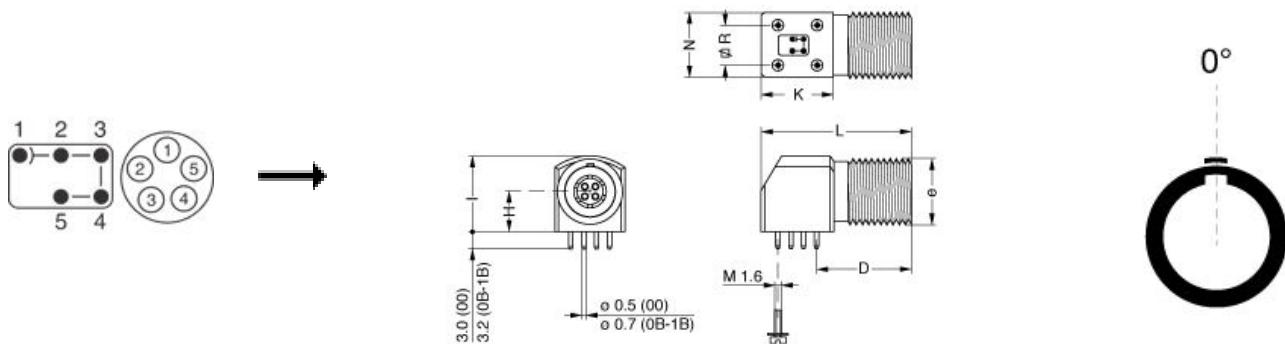
Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Test voltage contact-contact : 1.25 kV rms
Test voltage contact-body shell : 1.2 kV rms

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Others

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

DRAWINGS



Dimensions

	D	H	I	K	L	N	R	e
mm.	14.6	6.7	12.6	13.3	25	11.7	7.62	M9x0.6
in.	0,57	0,26	0,50	0,52	0,98	0,46	0,30	

RECOMMENDED BY LEMO

Tools

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