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# EXG.0B.305.HLN

## SUMMARY

### # Wires

| | |
|---|---|
| **Low voltage** | **5** |



*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 |

### Download

Request a quote
PCB Eagle Pattern
PCB Altium Pattern
PCB KiCad Pattern
Catalog

## 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** | 10.99 g |

### Performance

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

### Specifications

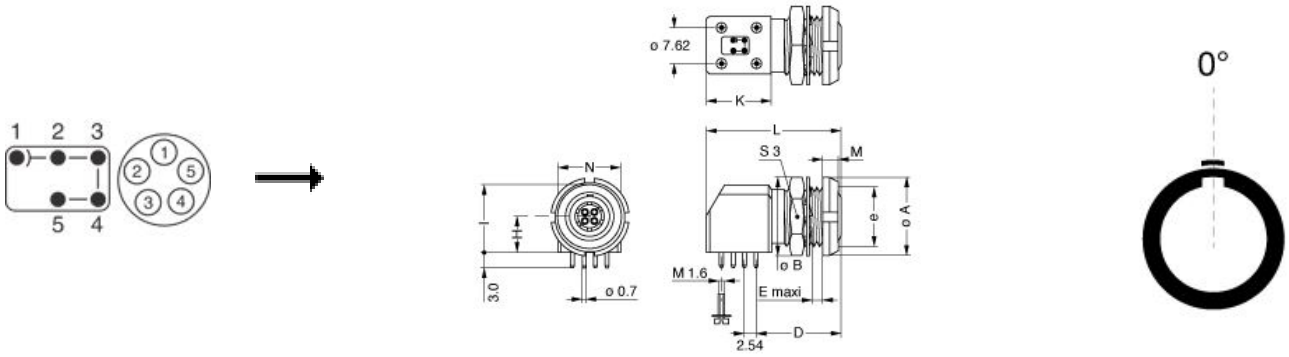
Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Test voltage contact-contact : 1.25 kV rms
Test voltage contact-body shell : 1.2 kV rms

### 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: 4022.438.33231

# 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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