

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

|                  |                  |
|------------------|------------------|
| Series           | 2B               |
| Termination type | Female print PCB |
| IP rating        | 50               |
| AWG wire size    | 28.00 - 20.00    |
| Cable Ø          | 0.00 - 0.00 mm   |
| Status           | active           |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | EY*: Fixed receptacle for printed circuit, nut fixing (back panel mounting)             |
| Keying            | 2 keys (alpha=60, plug: male contacts, receptacle: female contacts)                     |
| Housing Material  | Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces |
| Weight            | 23.38 g   |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 2B.306 : 6 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 12 Amps                   |

### Specifications

Contact Type: Print (straight)  
Contact Dia.: 1.3 mm (0.051in)  
R (max): 3.6 mOhm  
Vtest (contact-shell): 1450 V (AC), 2050 V (DC)  
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

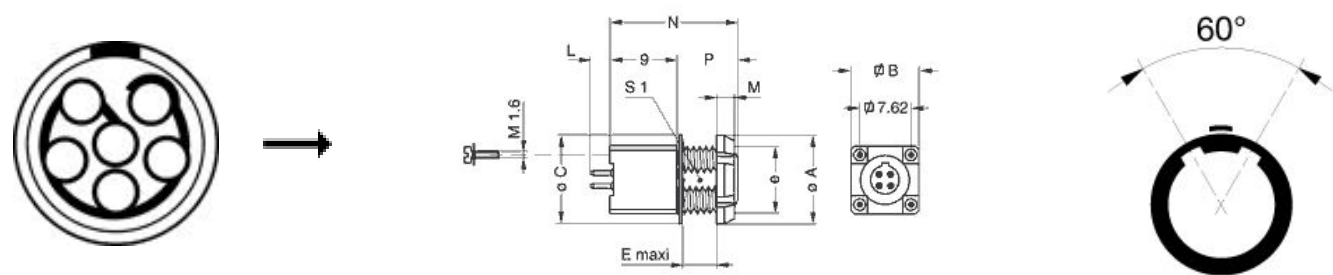
### Others

Endurance (Shell): 5000

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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

|     | A    | B    | C    | D     | E    | M    | N    | P    | S1   | e     |
|-----|------|------|------|-------|------|------|------|------|------|-------|
| mm. | 20   | 15   | 19.5 | 10.16 | 7.5  | 3.5  | 22.5 | 13.5 | 13.5 | M15x1 |
| in. | 0,79 | 0,59 | 0,77 | 0,40  | 0,30 | 0,14 | 0,89 | 0,53 | 0,53 |       |

## RECOMMENDED BY LEMO

### Tools

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