



# NJ6TB-V

3 x switching (normalling) stereo jack B-gauge type  
(T/TN/R/RN/S/SN)

Vertical PCB mount panel jack in B-gauge version with gold plated contacts and unique quick fixing cap for rapid panel mounting. Separation of mechanical latch and electrical contacts offers high retention force combined with low insertion force.

## Features & Benefits

- ✓ Compact robust plastic housing provides mechanical and electrical reliability
- ✓ Quick Cap Fixing System drastically reduces assembly time through snapping mounting cap
- ✓ The retention force is provided by a special spring element, independent from contacts
- ✓ Mates with plugs acc. to B-gauge BP0316

## Technical Information

| Product         |         |
|-----------------|---------|
| Title           | NJ6TB-V |
| Connection Type | Jack    |
| Gender          | female  |

**Electrical**

|                           |                                |
|---------------------------|--------------------------------|
| Contact resistance        | < 10 mΩ (initial)              |
| Contact resistance        | < 15 mΩ                        |
| Dielectric strength       | 1 kVdc                         |
| Insulation resistance     | ≥ 1 GΩ @ 500 V dc              |
| Rated current per contact | 3 A                            |
| Rated current per contact | 0,25 A @ 12 V (Switch contact) |
| Switching contacts        | 3                              |

**Mechanical**

|                    |                               |
|--------------------|-------------------------------|
| Insertion force    | < 20 N                        |
| Lifetime           | > 10000 mating cycles         |
| Panel thickness    | 1.2 - 1.5 mm (0.047" - 0.06") |
| Wiresize           |                               |
| Wiring             | vertical PCB mount            |
| Locking device     | Retention spring              |
| Mounting direction | Rear mounting                 |

**Material**

|                    |                            |
|--------------------|----------------------------|
| Cap / Nut / Washer | Polyacetal (POM)           |
| Contact plating    | 0.2 μm Au                  |
| Contacts           | Bronze (CuSn6)             |
| Shell              | Polyamide (PA 6.6 30 % GR) |

| Environmental       |                             |
|---------------------|-----------------------------|
| Standard compliance | B-Gauge BPO316, Mil-J-641/3 |
| Solderability       | Complies with IEC 68-2-20   |
| Temperature range   | -25 °C to +70 °C            |