



# NJ6FD-V

3 x switching (normalling) stereo jack  
(T/TN/R/RN/S/SN)

Vertical PCB mount panel jack in A-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 EIA RS-453

## Technical Information

Product		
Title		NJ6FD-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
Chassis shape	12 mm
Cap opening torque	25 N cm / 9.84 N in

**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	EIA RS 453, IEC 60603-11
Solderability	Complies with IEC 68-2-20
Temperature range	-25 °C to +70 °C