



## NJ3FP6C

Locking 1/4" phone jack, D-size shell, nickel metal housing and silver contacts

The 3 pole phone jack panel mount version provides stable and secure connections where accidental disconnect or shock and vibration may occur. It latches with standard A-gauge mono or stereo plugs. Plug locks-in automatically when mating and unlocks only by pressing red release tab. Standard D size front panel appearance. Selectable grounding options.

### Features & Benefits

- Securely locking chassis jack
- Selectable grounding options: standard isolated, to get a sleeve/panel connection red isolator on lateral screw must be removed
- Solder terminals
- Mates with all mono and stereo plugs specified acc. EIA RS-453 (A-gauge)
- Dimensionally compatible with D Series (31 x 26 mm)

**Technical Information**

Product	
<b>Title</b>	NJ3FP6C
<b>Connection Type</b>	Jack
<b>Gender</b>	female

Electrical	
<b>Contact resistance</b>	< 6 mΩ (initial)
<b>Dielectric strength</b>	1 kVdc
<b>Insulation resistance</b>	≥ 1 GΩ @ 500 V dc
<b>Rated current per contact</b>	10 A

Mechanical	
<b>Insertion force</b>	< 30 N
<b>Withdrawal force</b>	< 20 N
<b>Lifetime</b>	> 10000 mating cycles
<b>Locking force</b>	> 80 N
<b>Wiresize</b>	1 mm <sup>2</sup>
<b>Wiresize</b>	18 AWG
<b>Wiring</b>	Solder contacts
<b>Locking device</b>	Latch lock
<b>Mounting direction</b>	Front mounting
<b>Chassis shape</b>	D

Material	
<b>Contact plating</b>	2 μm Ag
<b>Contacts</b>	Copper alloy (CuSn6) (Ground)
<b>Insert</b>	Polyamide (PA 6.6 30 % GR) UL94 V-0
<b>Shell</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell plating</b>	Nickel
<b>Strain relief</b>	Polyacetal (POM)

## Environmental

<b>Standard compliance</b>	EIA RS 453, IEC 60603-11
<b>Solderability</b>	Complies with IEC 60068-2-20
<b>Temperature range</b>	-25 °C to +70 °C