



## NJ3FP6C-BAG

Locking 1/4" phone jack, D-size shell, black 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
- Mates with all mono and stereo plugs specified acc. EIA RS-453 (A-gauge)
- Selectable grounding options: standard isolated, to get a sleeve/panel connection red isolator on lateral screw must be removed
- Dimensionally compatible with D Series (31 x 26 mm)
- Solder terminals

## Technical Information

| Product                |             |
|------------------------|-------------|
| <b>Title</b>           | NJ3FP6C-BAG |
| <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        |                                     |
|-----------------|-------------------------------------|
| Contact plating | 2 µm Ag                             |
| Contacts        | Copper alloy (CuSn6) (Ground)       |
| Insert          | Polyamide (PA 6.6 30 % GR) UL94 V-0 |
| Shell           | Zinc diecast (ZnAl4Cu1)             |
| Shell plating   | Black                               |
| Strain relief   | Polyacetal (POM)                    |

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