



NJ3FP6C-B

Locking 1/4" phone jack, D-size shell, black metal housing and gold 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.

Features & Benefits

- Securely locking chassis jack
- Mates with all mono and stereo plugs specified acc. EIA RS-453 (A-gauge)
- Dimensionally compatible with D Series (31 x 26 mm)
- Solder terminals

Technical Information

| Product | |
|-----------------|-----------|
| Title | NJ3FP6C-B |
| Connection Type | Jack |
| Gender | female |

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

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

| Material | |
|-----------------|-------------------------------------|
| Contact plating | 0.2 µm Au |
| Contacts | Brass (CuZn37) (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 |