



## NCJ6FI-H-0

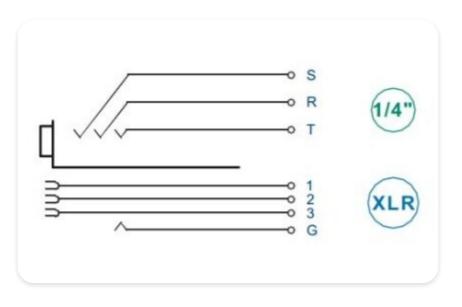
3 pole XLR female receptacle with 1/4" stereo jack without switching contact, horizontal PCB mount, retention spring

XLR / jack hybrid chassis connector combining 3 pole XLR receptacle and 1/4" jack.

## **Features & Benefits**

- ✓ Combined XLR receptacle and 1/4" phone jack
- ✓ Balanced or line inputs in one XLR shell
- ✓ Saves rack space by combining 2 connectors in one housing
- ✓ Very low conductor capacitance, therefore suitable for digital audio

## **Combo Circuit**



## **Technical Information**



| Product         |            |
|-----------------|------------|
| Title           | NCJ6FI-H-0 |
| Connection Type | Combo      |
| Gender          | female     |

| Electrical                |                   |
|---------------------------|-------------------|
| Contact resistance        | < 10 mΩ (XLR)     |
| Contact resistance        | < 20 mΩ (jack)    |
| Dielectric strength       | 1,5 kVdc          |
| Insulation resistance     | > 10 GΩ (initial) |
| Rated current per contact | 7,5 A (XLR)       |
| Rated current per contact | 7,5 A (Jack)      |
| Rated voltage             | < 50 V            |

| Mechanical         |                         |
|--------------------|-------------------------|
| Insertion force    | ≤ 25 N                  |
| Withdrawal force   | ≤ 25 N                  |
| Lifetime           | > 1000 mating cycles    |
| Locking force      | > 20 N separating force |
| Panel thickness    | max. 7 mm 0.27"         |
| Wiresize           |                         |
| Mounting direction | Rear mounting           |



| Material        |                                   |
|-----------------|-----------------------------------|
| Contact plating | 0.2 μm Au hard alloy over 2 μm Ni |
| Contacts        | Bronze (CuSn6)                    |
| Insert          | PA66                              |
| Locking element | Steel Ck67                        |

| Environmental     |                  |
|-------------------|------------------|
| Flammability      | UL 94 V-0        |
| Temperature range | -30 °C to +80 °C |