# Product Information Sheet

## NEUTRIK JACK SOCKETS - NRJ SERIES - PANEL TYPE

**43-5031** NEUTRIK NRJ6HF-AU JACK SOCKET

### DESCRIPTION

1/4" stereo jack, switched, gold plated contacts, fully threaded nose, sleeve contact/front panel connection. Horizontal PCB panel mount jack featuring high board packing density by mounting on 15.88 mm (0.625 inch) min centres in rows or arrays.

Mounting hardware ordered separately.

### FEATURES & BENEFITS

- High boarded packing densities
- A retention spring ensures optimum grip on inserted plugs, avoiding the chance of lost connection
- Mounting nuts available in various styles



### ACCESSORIES

40-795 NEUTRIK NDJ DUMMY PLUG, JACK, A-gauge

43-5041 NEUTRIK NRJ-NUT-MS Nickel plated metal ring nut

43-5043 NEUTRIK NRJ-NUT-MK Nickel plated metal ring nut, knurled

43-5044 NEUTRIK NRJ-NUT-B Hexagonal plastic nut, black

43-5045 NEUTRIK NRJ-NUT-R Hexagonal plastic nut, red

### TECHNICAL SPECIFICATION

| | |
|---|---|
| **Product** | |
| Title | NRJ6HF-AU |
| Connection | Jack |
| Gender | female |
| **Electrical** | |
| Contact resistance | < 10 mΩ |
| Dielectric strength | 1 kVdc |
| Insulation resistance | ≥ 1 GΩ @ 500 V dc |
| Rated current per contact | 3 A |
| Rated current per contact | 0,50 A @ 50 V (Switch contact) |
| Switching contacts | 3 |
| **Mechanical** | |
| Insertion force | < 20 N |
| Withdrawal force | < 10 N |
| Lifetime | > 10000 mating cycles |
| Panel thickness | < 3 mm |
| Wiring | Horizontal PCB mount |
| Locking device | Retention spring |
| Mounting direction | rear |
| Chassis shape | 11.2 mm |
| **Material** | |
| Cap / Nut / Washer | PA 6.6 15% GR |
| Contact plating | 2 µm Au |
| Contacts | Bronze (CuSn6) |
| Shell | Polyamide (PA 6.6 15 % GR) |
| **Environmental** | |
| Standard compliance | EIA RS 453, IEC 60603-11 |
| Solderability | Complies with IEC 68-2-20 |
| Temperature range | -25 °C to +70 °C |