



# NRJ6HF-1

1/4" stereo jack, switched, full threaded nose, sleeve contact/frontpanel connection

Horizontal PCB panel mount jack featuring high board packing density by mounting on 15.88 mm (0.625 inch) minimum centers in rows or arrays. Mounting hardware must be ordered separately.

## Features & Benefits

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

## Technical Information

| Product         |          |
|-----------------|----------|
| Title           | NRJ6HF-1 |
| Connection Type | Jack     |
| Gender          | female   |

| Electrical                |                                |
|---------------------------|--------------------------------|
| Contact resistance        | < 10 mΩ                        |
| Contact resistance        | < 25 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    | < 30 N                |
| Withdrawal force   | > 10 N                |
| Lifetime           | > 10000 mating cycles |
| Panel thickness    | < 3 mm                |
| Wiresize           |                       |
| Wiring             | Horizontal PCB mount  |
| Locking device     | Retention spring      |
| Mounting direction | Rear mounting         |
| Chassis shape      | 11.2 mm               |

| Material           |                                     |
|--------------------|-------------------------------------|
| Cap / Nut / Washer | PA 6.6 15% GR                       |
| Contact plating    | 2 µm Ag                             |
| Contacts           | Bronze (CuSn6)                      |
| Shell              | Polyamide (PA 6.6 30 % GR) UL 94 V0 |
| Ring Nut           | Brass (Ni plated)                   |

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