NEUTRIK



# NRJ6HM-1

1/4" stereo jack, metal nose with efficient chassis ground connection, T+R+S normalling contact

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
- Meeting the requirements of EMC protection by efficient chassis grounding system
- A retentions spring ensures optimum grip on inserted plugs, avoiding the chance of lost connection
- T, R, S normalling contact

## Technical Information

| Product | |
|---|---|
| Title | NRJ6HM-1 |
| Connection Type | Jack |
| Gender | female |


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| 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 | 10 mm |


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| 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 |
| Thread | ZnAl4Cu1 |

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


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