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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