Product Information Sheet

NEUTRIK JACK SOCKETS - NRJ SERIES - PANEL TYPE

43-5023 NEUTRIK NRJ4HF-1 JACK SOCKET

DESCRIPTION

1/4" mono jack, switched, 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	NRJ4HF-1
Connection	Jack
Gender	female
Electrical	
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	2
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 Ag
Contacts	Bronze (CuSn6)
Shell	Polyamide (PA 6.6 15 % GR)
Ring Nut	Brass (Ni plated)
Environmental	
Standard compliance	EIA RS 453, IEC 60603-11
Solderability	Complies with IEC 68-2-20
Temperature range	-25 °C to +70 °C