Rapid

DATA SHEET

Order code	Manufacturer code	Description
20-2096	n/a	NEUTRIK SILENT 6.35MM JACK PLUG (RC)

The enclosed information is believed to be correct, Information may change without notice due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 20/02/2007

NP2X-AU-SILENT

2 pole 1/4" professional phone plug, gold plated contacts, red rubber overlay, silent switch

Special version of 2 pole plug with integrated switch which automatically mutes (shorts) a guitar cable to avoid annoying pops and squeals when hot swapping guitars. The integrated silent switch is based on the REED technology and guarantees a lifetime beyond 10'000 mating cycles.

Features & Benefits

- Hermetically sealed and magnetically operated switch
- No wear, constant contact resistance
- No corrosion or pollution of switch, durable and long-lasting
- Lifetime beyond 10'000 mating cycles

Please note that the signal isn't muted with active electric bass guitars which have a tip-ring-sleeve tap to activate the power supply.

NEUTRIK

NP2X-AU-SILENT

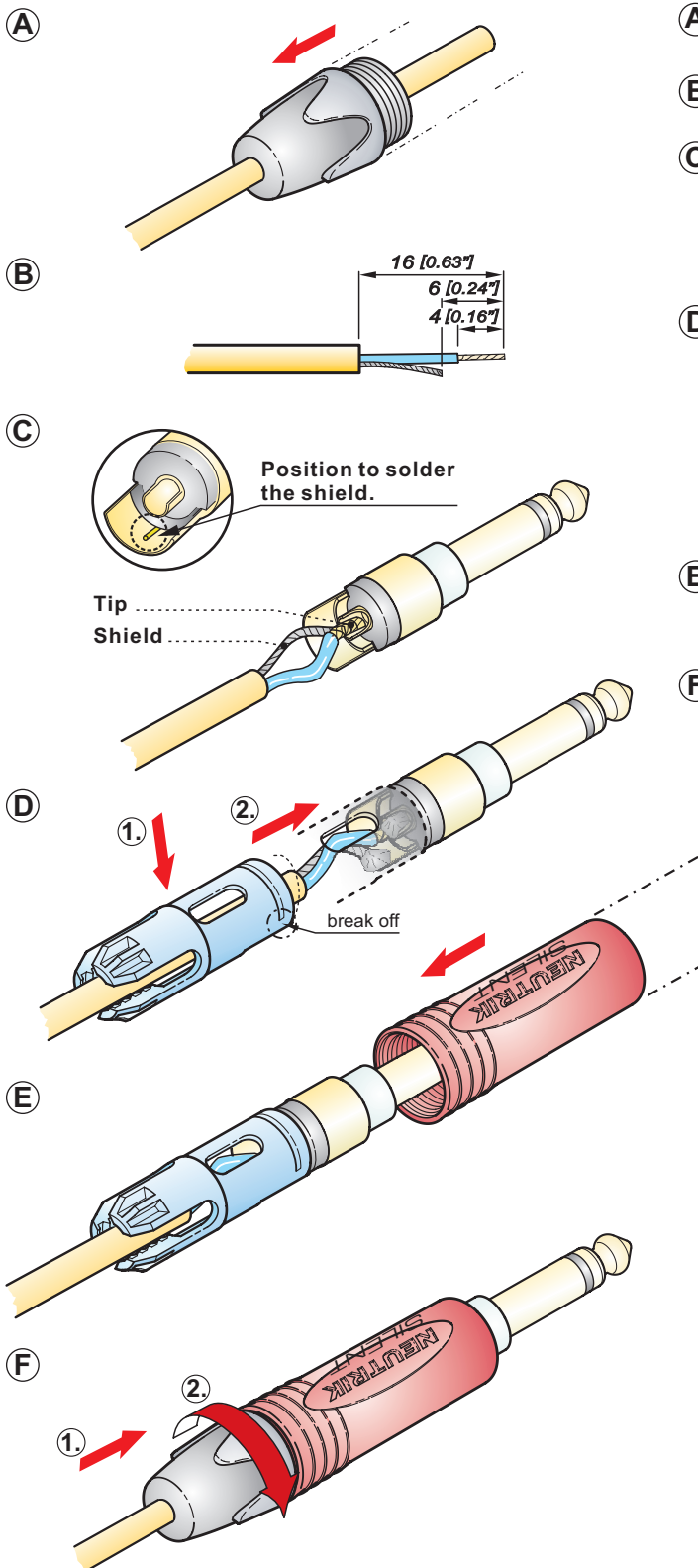| Product	
Connector Type	Plug
Gender	male
Electrical	
Contact resistance	depends on mating connector mΩ
Dielectric strength	1 kVdc
Insulation resistance	> 2 GΩ (initial)
Insulation resistance	≥ 1 GΩ (after damp heat test)
Rated current per contact	depends on mating connector A
Rated voltage	50 V
Mechanical	
Cable O.D.	4 - 7 mm
Lifetime	> 1000 mating cycles
Wire size	1 mm²
Wire size	18 AWG
Wiring	Solder contacts
Material	
Bushing	Polyacetal (POM) + PU
Contact plating	0.2 µm Au
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6.6 30 % GR)
Shell	Brass (CuZn39Pb3)
Shell	Rubber overlay (EPDM)
Strain relief	Polyacetal (POM)
Environmental	
Standard compliance	IEC 60603-11 / EIA RS-453
Solderability	Complies with IEC 68-2-20
Temperature range	-20 °C to +65 °C

ASSEMBLY INSTRUCTION
NP2X-AU-SILENT | 1/4" Professional Phone Plug

(A)

(B)

16 [0.63"]
6 [0.24"]
4 [0.16"]

(C)

Position to solder the shield.

Tip

Shield

(D)

①.

②.

break off

(E)

NEUTRIK SILENT

(F)

②.

①.

NEUTRIK SILENT

(A) Slide the boot onto the cable.

(B) Prepare cable as shown.

(C) Solder the wire ends.

Attention:
Solder shield to marked position.

(D) Position the chuck onto the cable and align chuck with plugfinger.

Attention:
If using a cable with O.D. > 5.50 mm [0.216"] break away this part of the chuck.

(E) Slide the housing onto the plugfinger with the chuck.

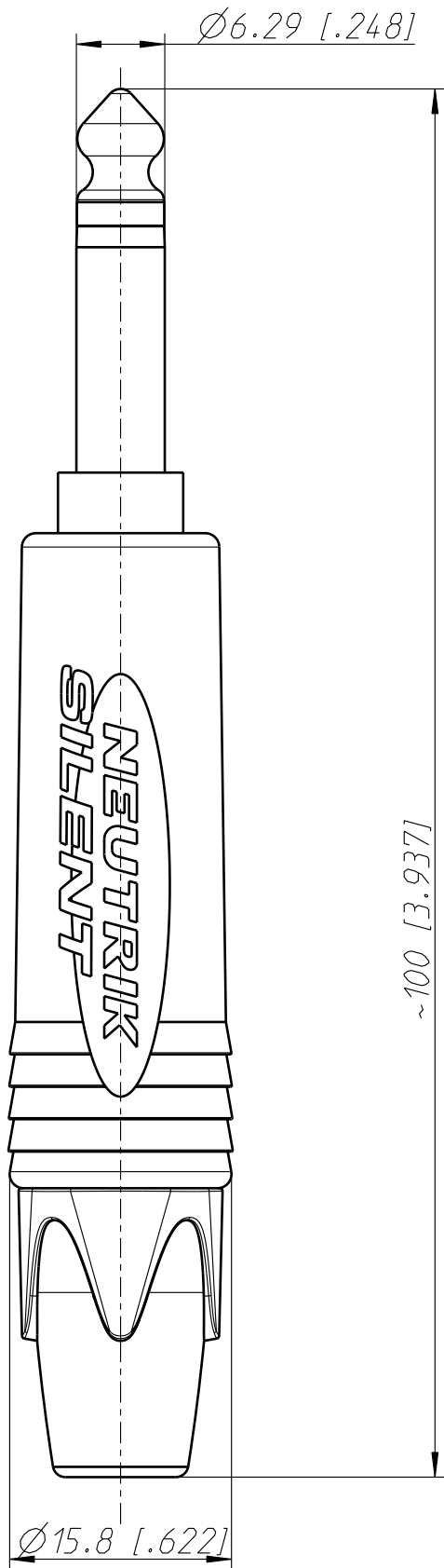(F) Finish the installation by tighten the bushing onto the connector.

www.neutrik.com

NEUTRIK

Ø6.29 [.248]

NEUTRIK
SILENT

~100 [3.937]

Ø15.8 [.622]

Allgemeintoleranzen ISO 2768-m	Werkstoff	Massstab:		Datum	Name
			Gezeichnet	17.08.07	Mijatovic
Zeichnung urheberrechtlich geschuetzt (DIN 34) (C)	-	2:1	Freigegeben	-	-
	-	(A4)	Geaendert	-	-
Benennung			Aend.-Nr.		Aend.-Index
NP2X-AU-SILENT			-		-
NP2X-AU-SILENT			Ersatz fuer:		Blatt 1 von 1 Bl.
NEUTRIK AG FL-9494 SCHAAN			Zeichn. Nr. ST-NP2X-AU-SILENT		