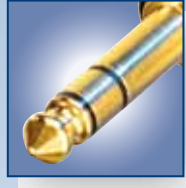


# Plugs



## 1/4" Phone Plug - PX and PRX Series



NP2X



NP3X-B



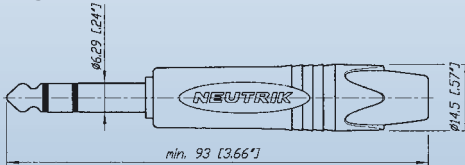
NP3X + PXR-5



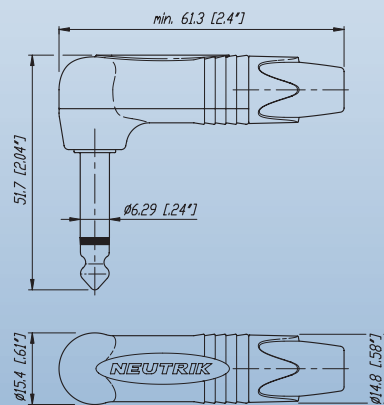
NP2RX-B

- Slim 1/4" plug with million fold proven chuck type strain relief
- Precision machined one piece contacts - no rivets
- Sleek attractive design for best handling convenience
- 14.5 mm only in diameter (right angle 15.4 mm) - serves highest packing density of 15.88 mm jack pitch
- Nickel or gold plugfinger in mono (TS) and stereo (TRS)

NP3X



NP2RX



15.88 mm jack pitch:



t o i d e n t i f y t h e o r i g i n a l

# Plugs



### Attention!

Use only for instrument (guitar) applications.  
Connecting an amplifier output may blow your amp!

## 1/4" Phone Plug - Silent Plug



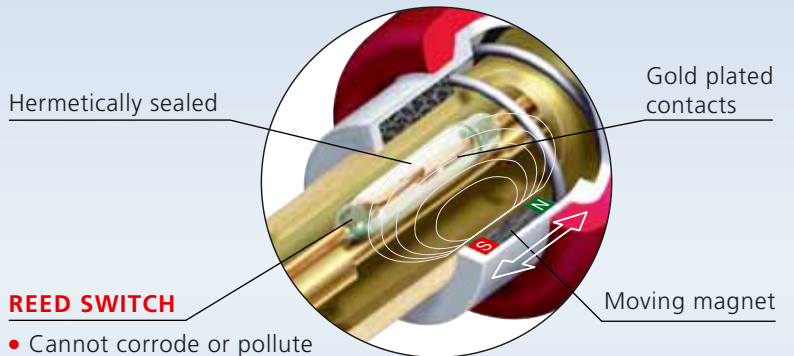
NP2RX-AU-SILENT



NP2C-AU-SILENT

- Avoid pops and squeals
- Hermetically sealed switching contacts
- Lifetime beyond 10'000 mating cycles
- Slim right-angle plug with industry proven and reliable chuck type cable strain relief
- Sleek attractive design for convenient handling and connections

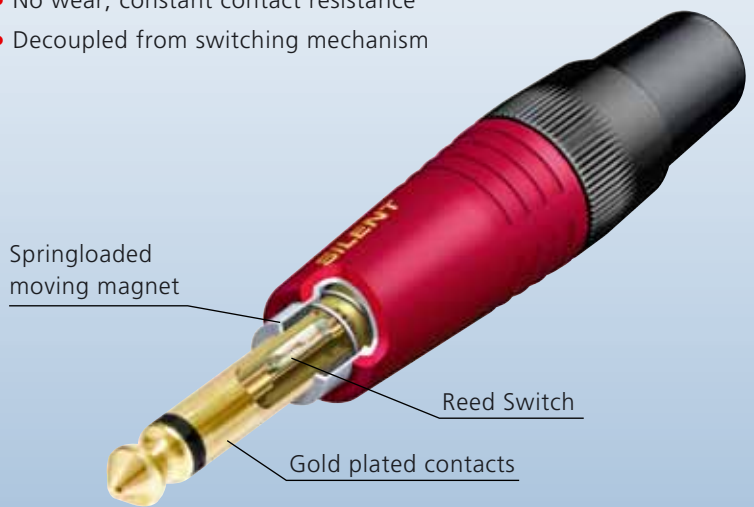
### Detail Silent Switch:



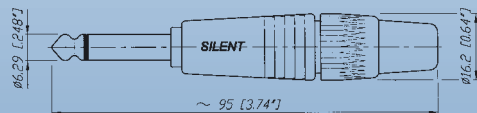
### Design Criteria

The Silent Plug automatically mutes (shorts) an instrument (guitar) cable to avoid pops and squeals when changing the instrument (guitar) under load.

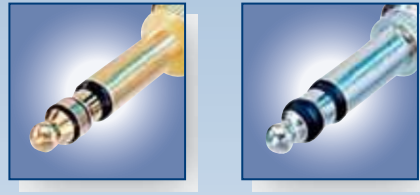
The integrated silent switch (pat. pending) is based on REED-technology and guarantees a lifetime beyond 10'000 mating cycles.



NP2C-AU-SILENT

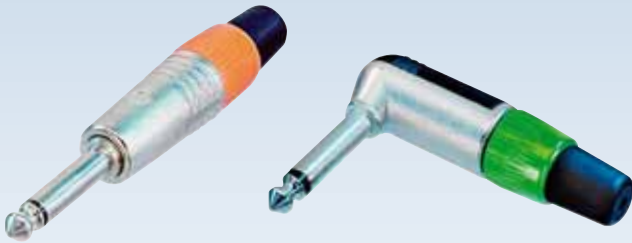


# Plugs



## 1/4" Professional Phone Plugs

## MIL/B-Gauge Type Phone Plugs



NP2C + BSP-3

NP2RCS + BSP-5

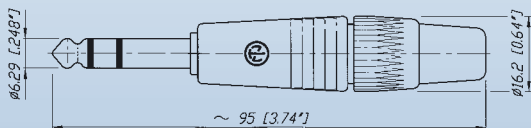
NP3TB-R

NP3CM-B

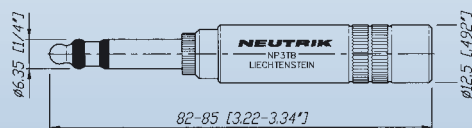
- Available in mono (TS) or stereo (TRS)
- Meets EIA / IEC standards
- Unique plug finger design without rivets
- Sturdy diecast metal shell
- Excellent Neutrik® chuck type strain relief

- 1/4" "B-Gauge" and "MIL" Type Plugs
- All metal design, chuck type strain relief, no rivets
- Meet all prevailing standards
- Available as plug fingers only for overmolding

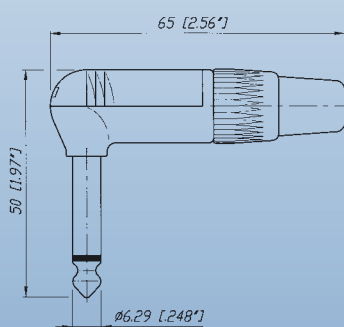
NP3C



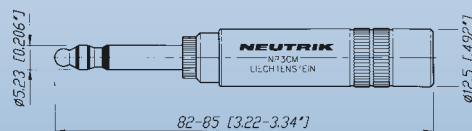
NP3TB-B



NP2RCS



NP3CM-B



- Quality Design

# Plugs



## 0.173" Bantam Type Miniature Plugs

## 3.5 mm Right-Angle Stereo Plug



NP3TT-1-B



NP3TT-2



NTP3RC

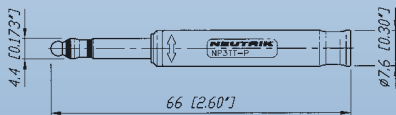
- Very robust ergonomic design
- Gold contact version in combination with the NJ3TTA jack eliminates contact problems due to corrosion or dirt
- The single plug NP3TT-P and the dual bantam plug NP3TT-2 are made for assembling with a standard HEX crimping tool as used with coax cables
- Solder termination for T + R, crimp termination for sleeve contact

- The only available 3.5 mm plug with chuck type strain relief
- All metal housing - reliable and robust
- Easy to assemble, simple to use
- Slim design - space saving
- Excellent cable protection
- All Nickel or black housing, available with gold plated contacts

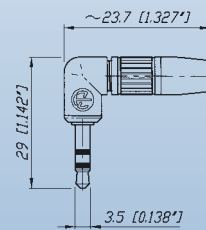
NP3TT-1



NP3TT-P



NTP3RC



Quality Thinking

# Technical Data

## Specifications

1/4" Phone Plugs  
& SILENT Plug

MIL / B-gauge Type

0.173" Bantam Type

3.5 mm Stereo Plugs

## Electrical

Rated current:	depends on mating connector	•	•	•	•
Contact resistance:	depends on mating connector	•	•	•	•
Insulation resistance:	- initial: > 2 GΩ	•	•	•	•
	- after damp heat test: ≥ 1 GΩ	•	•	•	•
Dielectric strength	1 kV dc	•	•	•	•

## Mechanical

Lifetime > 1'000 mating cycles		•	•	•	•
Wiring:	solder terminals	•	•	•	•
Wire size	mm <sup>2</sup>	1	1 (NP3CM: 0.5)	0.25	0.22
	AWG	18	18 (NP3CM: 20)	24	24
Cable O.D.:	mm	4 - 7	4 - 7	4.8 max	2 - 4.5

## Materials

Shell:	Zinc diecast (ZnAl4Cu1) Ni or black Cr plated	Brass (CuZn39Pb3) black or red coated	Brass (CuZn39Pb3) 2 μm Ni (Su) plated PA 6 30 % GR	Zinc diecast (ZnAl4Cu1) Ni or black Cr plated PA 6.6 15% GR
Insulation: Polyamide (PA 6.6 30 % GR)	•	•	•	•
Contacts: Brass (CuZn39Pb3) 2 μm Ni (Su) or Au plated	• • or Au	• • or Brass	• (Tip: CuSn6) 2 μm TRIBOR® (NiP-AuCo)	• • or Au
Chuck:	POM	POM	-	POM
Bushing:	POM + PU	-	-	CuZn39Pb3 + PU (Ni or black Chrome)

## Environmental

Temperature range: -20 °C to +65 °C	•	•	•	•
Solderability: Complies with IEC 68-2-20	•	•	•	•

## Accessories



BSP-\*



BPX-\*



PXR-\*



BSTT-\*



BSTP-\*



PCR-\*

BSP-*	Coloured bushing for NP*C Series	BSTP-*	Coloured sleeves for NP3TT-P Series
BPX-*	Coloured bushing for NP*X Series	PXR-*	Coloured marking rings for NP*X Series
BSTT-*	Coloured sleeves for NP3TT Series	PCR-*	Coloured marking rings for NP*C Series

\*: 0 - Black, 1 - Brown, 2 - Red, 3 - Orange, 4 - Yellow, 5 - Green, 6 - Blue, 7 - Violet, 8 - Grey, 9 - White; Must be ordered in multiples of 100.

## Assembly tool

HX-TT-1	Assembly and crimp tool for NP3TT-1/AU
HX-R-BNC	HEX crimp tool for NP3TT-P*
DIE-R-BNC-PJ	HEX crimp die for NP3TT-P* (5.4 mm)
HTXP	Hand tool to tighten the PX and XX-bushing

- Quality Design

# Ordering Information

Part Number	Shell	Contacts	Standards Compatibility	Remarks
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## 1/4" Professional Phone Plugs - PX and PRX Series

NP2X	NP2RX	Nickel	Nickel	IEC 60603-11 / EIA RS-453	Mono plug, black bushing, chuck type strain relief
NP2X-BAG	NP2RX-BAG	Black Cr	Nickel	•	Mono plug, black bushing, chuck type strain relief
NP2X-B	NP2RX-B	Black Cr	Gold	•	Mono plug, black bushing, chuck type strain relief
NP3X	NP3RX	Nickel	Nickel	•	Stereo plug, black bushing, chuck type strain relief
NP3X-BAG	NP3RX-BAG	Black Cr	Nickel	•	Stereo plug, black bushing, chuck type strain relief
NP3X-B	NP3RX-B	Black Cr	Gold	•	Stereo plug, black bushing, chuck type strain relief
*-D					Bulk packed to be ordered in multiples of 100

## SILENT Guitar Plug

NP2C-AU-SILENT	red coated	Gold	IEC 60603-11/EIA RS-453	Mono plug , chuck-type strain relief, silent switch
NP2RX-AU-SILENT	red coated	Gold	IEC 60603-11/EIA RS-453	right angle mono plug, chuck-type strain relief, silent switch

## 1/4" Professional Phone Plugs - PC Series

NP2C	Nickel	Nickel	IEC 60603-11/EIA RS-453	Mono plug, black bushing, chuck type strain relief
NP3C	Nickel	Nickel	•	Stereo plug, black bushing, chuck type strain relief
NP2C-BAG	Black Cr	Nickel	•	Mono plug, black bushing, chuck type strain relief
NP3C-BAG	Black Cr	Nickel	•	Stereo plug, black bushing, chuck type strain relief
NP2C/B	Black Cr	Gold	•	Mono plug, black bushing and gold contacts, chuck type strain relief
NP3C/B	Black Cr	Gold	•	Stereo plug, black bushing and gold contacts, chuck type strain relief
NP2C-BAG-T-AU	Black Cr	Nickel + T: Gold	•	Mono plug, black bushing with gold tip, chuck type strain relief
NP2C-T10AA	Nickel	Nickel	•	Mono plug, red bushing, with built-in 1:10 transformer to convert microphone levels to guitar inputs, chuck type strain relief
NP2RCS	Nickel + black plastic	Nickel	•	Mono right-angle plug, black bushing, chuck type strain relief
NP3RCS	Nickel + black plastic	Nickel	•	Stereo right-angle plug, black bushing, chuck type strain relief
NP*C-D				Bulk packed to be ordered in multiples of 100

## MIL/B-gauge Type Phone Plugs

NP3TB-B	Black	Nickel	B-GAUGE BP0316	1/4" B-Gauge plug, chuck type strain relief
NP3TB-R	Red	Nickel	•	1/4" B-Gauge plug, chuck type strain relief
NP3TM-B	Black	Nickel	MIL-P-642/2	1/4" MIL plug , chuck type strain relief
NP3TM-R	Red	Nickel	•	1/4" MIL plug , chuck type strain relief
NP2CM-B	Black	Brass	MIL-P-642/4	Mono 1/4" MIL plug, chuck type strain relief
NP2CM-R	Red	Brass	•	Mono 1/4" MIL plug, chuck type strain relief
NP3CM-B	Black	Brass	MIL-P642/5A	Stereo 5.23 mm (0.206") MIL plug, chuck type strain relief
NP3CM-R	Red	Brass	•	Stereo 5.23 mm (0.206") MIL plug, chuck type strain relief

## 0.173" Bantam Type Miniature Plugs

NP3TT-1-B	Nickel + black plastic	Nickel	MIL-P-642/13	4.4 mm (0.173") Bantam plug with solder contacts, black sleeve
NP3TT-1-R	Nickel + red plastic	Nickel	•	4.4 mm (0.173") Bantam plug with solder contacts, red sleeve
NP3TT-AU-B	Nickel + black plastic	Gold	•	4.4 mm (0.173") Bantam plug with solder contacts, black sleeve
NP3TT-AU-R	Nickel + red plastic	Gold	•	4.4 mm (0.173") Bantam plug with solder contacts, red sleeve
NP3TT-P-B	Black plastic	Nickel	•	4.4 mm (0.173") Bantam plug with solder contacts, black sleeve
NP3TT-P-R	Red plastic	Nickel	•	4.4 mm (0.173") Bantam plug with solder contacts, red sleeve
NP3TT-P-AU-B	Black plastic	Gold	•	4.4 mm (0.173") Bantam plug with solder contacts, black sleeve
NP3TT-P-AU-R	Red plastic	Gold	•	4.4 mm (0.173") Bantam plug with solder contacts, red sleeve
NP3TT-2	Black plastic	Nickel	•	4.4 mm (0.173") Twin Bantam plug with solder contacts, black sleeve

## 3.5 mm Right-Angle Stereo Plug

NTP3RC	Nickel	Nickel		3.5 mm audio plug with chuck and bushing
NTP3RC-B	Black Cr	Gold		3.5 mm audio plug with chuck and bushing

Look for the Logo

