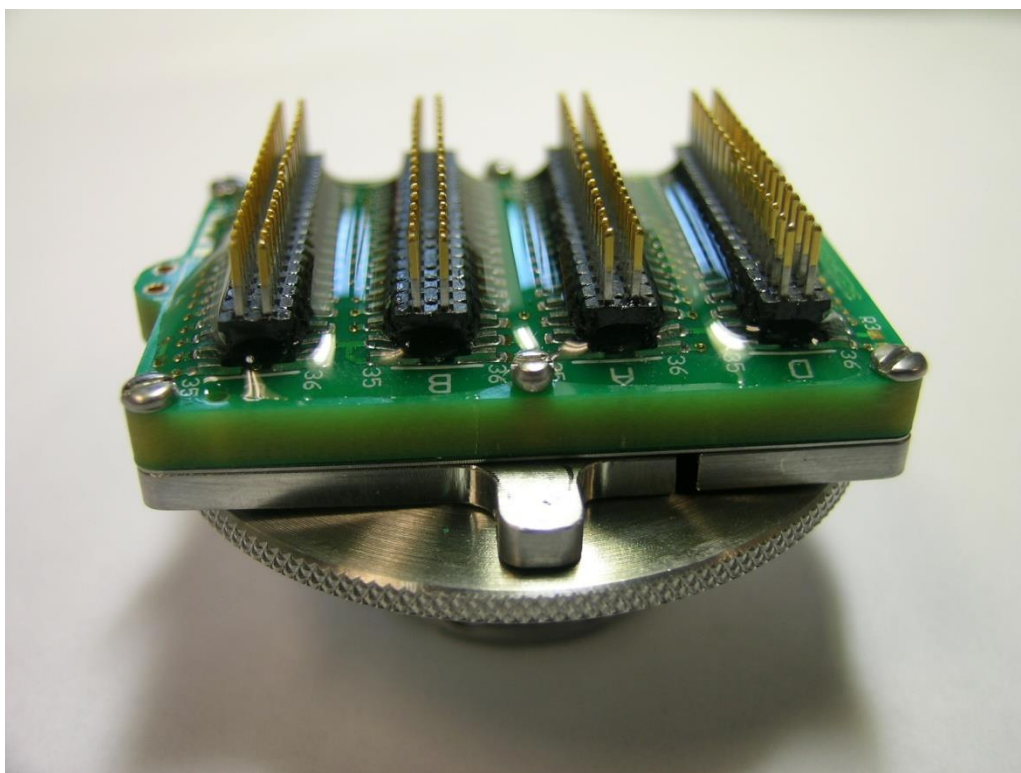# Filament Film NeuroPort® Plug

USER'S MANUAL
(REVISION 1.00)

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Instruction Procedure to Replace Fuzz Button NeuroPort Plug with a Filament Film NeuroPort Plug

The instructions below is a procedure to replace the existing fuzz button NeuroPort Plug with the beta sample of Filament Film NeuroPort Plug on the Patient Cable (P/N: 4463).

1) Gently pull the existing NeuroPort Plug (P/N: 4152) from the head stage housing of the Patient Cable Assembly (P/N: 4463). This is done by applying slight pressure to pull the edges around the stainless steel wheel of the NeuroPort plug as shown in the figure below. Gently rock the plug back and forth using care not to bend the internal ICS 96 pins.


Stainless Steel Wheel
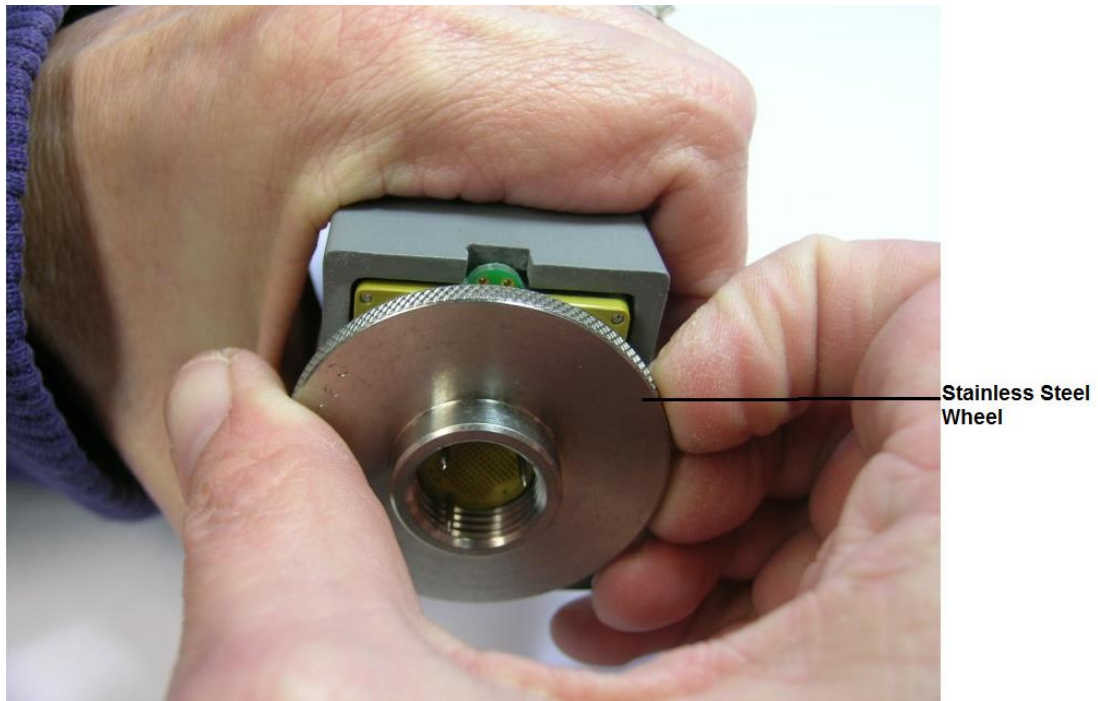
2) Unplug the whole NeuroPort plug from the Patient Cable as shown in the figure below and place it in an ESD safe bag.
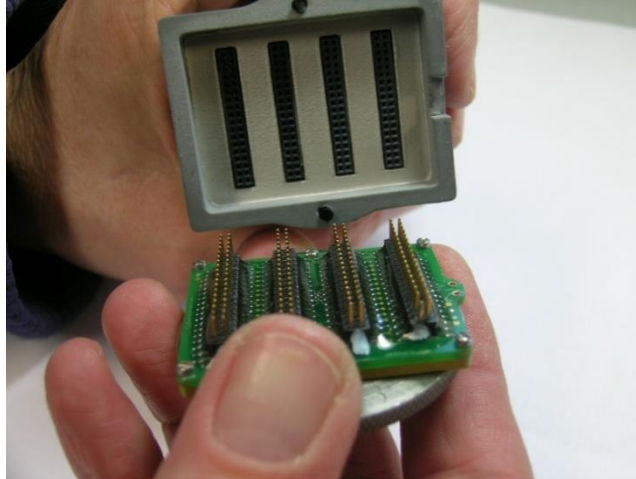
3) Take the beta sample of the Filament Film NeuroPort plug and lay it on the head stage housing of the Patient Cable such that key feature of the Filament Film NeuroPort plug aligns through the slot on the housing of the head stage as shown in the figure below.


Alignment Key Feature
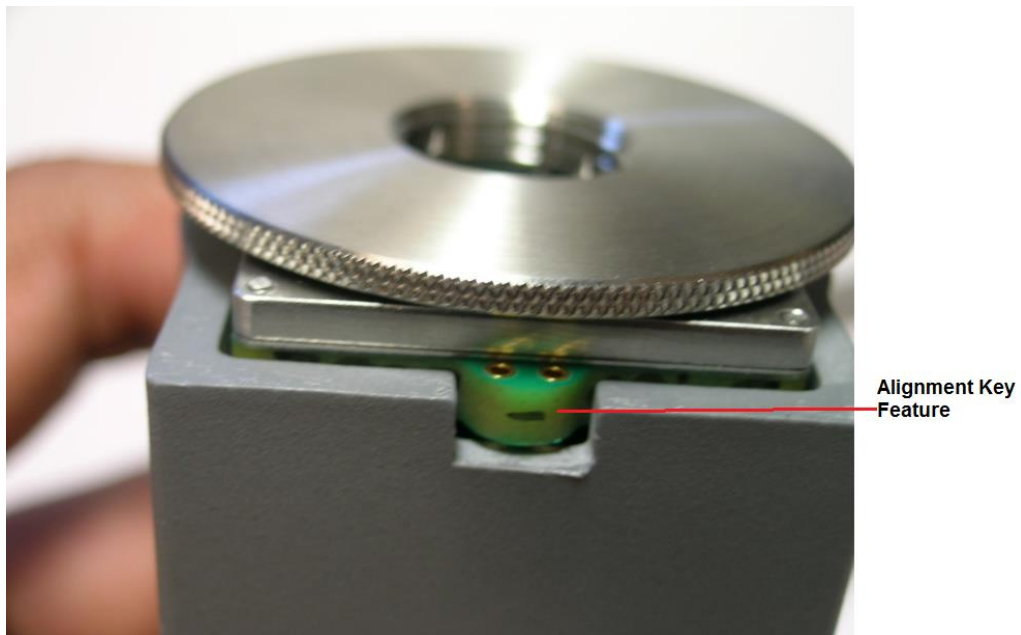
4) Gently push the Filament Film NeuroPort plug onto the head stage housing of the Patient Cable. Do not touch the filament film or the alignment pins inside the plug.

Filament Film Membrane
Alignment Pins
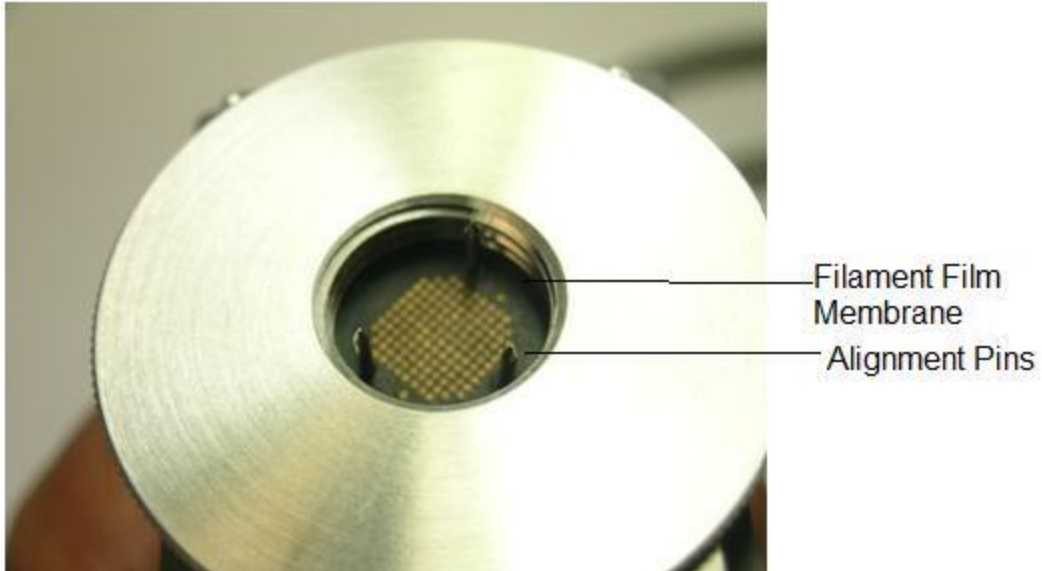
5) Make sure the black conductive rods on the sides of the head stage housing are touching the flanges of the Filament Film NeuroPort plug as shown in the figure below.

Flange
Conductive Rod
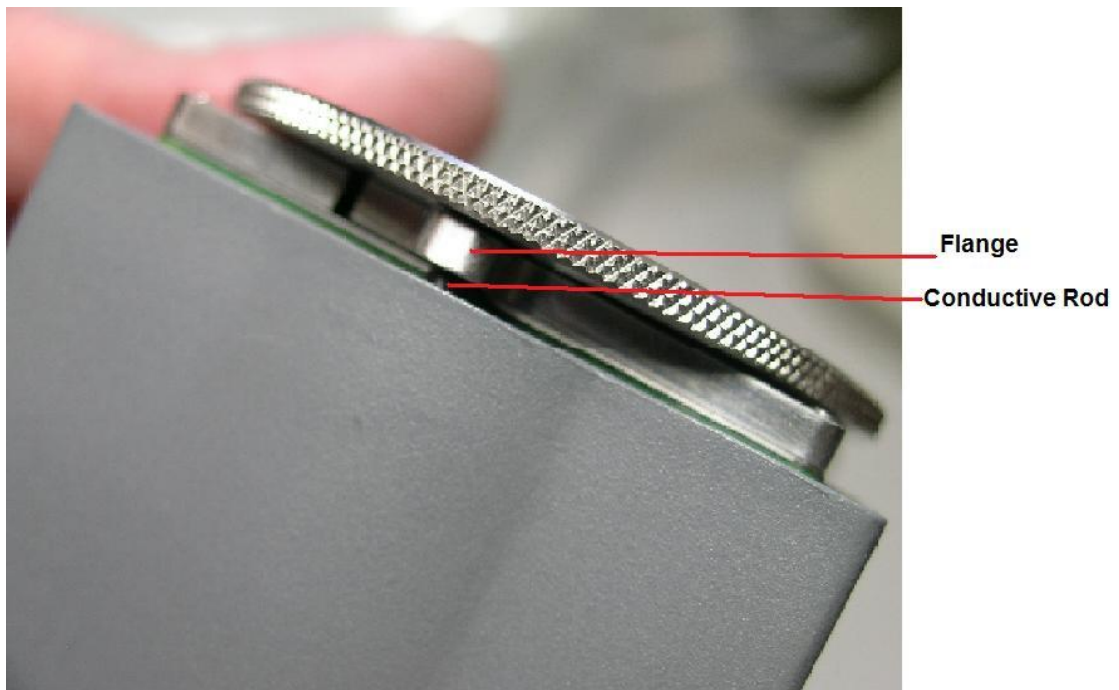
6) Clean the surface of the LGA on the pedestal using a medical approved wet cotton swab.
7) Gently align all the 3 alignment pins of the Filament Film NeuroPort plug with the holes on the pedestal assembly as shown in the figure below.

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Alignment Pin
Alignment Hole
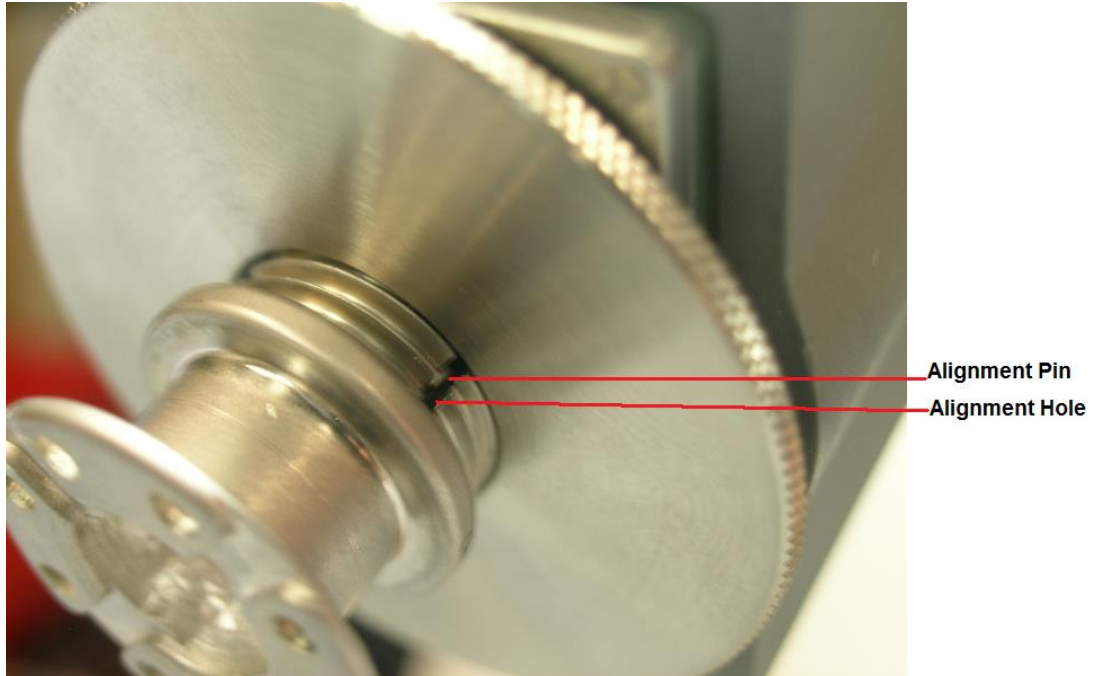
8) Gently screw the Filament Film NeuroPort plug onto the pedestal until it could turn no further. Do not over tighten the assembly as it could result in damaging the components inside.

9) Contact engineering department at BlackRock Microsystems for additional assistance or other issues concerned. You could call at 801-582-5533 or email **rravuri@blackrockmicro.com** for any other technical issues.