

Re: Need to fix hole in ribbon cable

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- *From:* glenzabr@xxxxxxxxxxxxx (GMAN)
 - *Date:* Fri, 02 Jan 2009 18:08:03 GMT
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In article <41eaf452-f442-42eb-806c-9a93f6895a91@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>, Francis McGrath <mail@xxxxxxxxxxxxxxxxxxxx> wrote:

On Jan 1, 10:46 pm, "hr(bob) hofm...@xxxxxxx" <hrhofm...@xxxxxxx> wrote:

On Jan 1, 10:38 pm, Francis McGrath <m...@xxxxxxxxxxxxxxxxxxxx> wrote:

I have a flat ribbon cable in a synthesizer that senses pressure aftertouch. It lets you play a note, then push harder on the key to get an extra effect. Well, I put a screw through it. I'd like to repair it because it's easy to get to the hole, but really hard to remove the whole cable. The problem is that I don't know what kind of wire it is or how it works. Since I don't know what it's called, it's hard to do a google search. I've posted a picture of it

at <http://www.francismcgrath.com/wire.jpg>. Can someone tell me what this

kind of wire is called? Secondly, I'd be very interested in learning how to fix it.

Thanks, Francis

How many conductors are there in the cable, and do you know how to solder?

Thanks for posting.

There are 2 wires that come out of the blue connector, so I guess that

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means 2 conductors. That's part of what makes me confused, there only appears to be one cable zig-zagging through the wire, but on closer examination, the zig-zagging part is clear. And yes I can solder.

Francis

What you have looks like a rectilinear sensor.

I used to work for a company (www.spectrasymbol.com) that used to make these similar types of parts. They are actually silver and carbon conductive elements that are silkscreened onto plastic. You cannot solder this. It called a "Linear Potentiometer" or "Flexible Printed Circuits" or "Membrane Switch Technology" Remember the old Atari 400 Keyboards?

The connector is a form of a BERG connector
<http://www.bergelect.com>

Depending on what your budget is or how bad you want it fixed i bet www.spectrasymbol.com can make one for you.

<http://www.spectrasymbol.com/typo3/site/en/softpotsplash/custom-products.html>

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