

Re: Capacitor and Force

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2007-10/msg02849.html>

- *From:* "Jon Slaughter" <Jon_Slaughter@xxxxxxxxxxx>
 - *Date:* Tue, 16 Oct 2007 04:51:13 GMT
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"Jon Slaughter" <Jon.Slaughter@xxxxxxxxxxx> wrote in message
<news:1192509092.977593.205180@xx>

On Oct 13, 9:54 pm, The Phantom <phan...@xxxxxxxx> wrote:

On Sun, 14 Oct 2007 00:19:18 GMT, "Jon Slaughter"

<Jon_Slaugh...@xxxxxxxxxxx> wrote:

<SNIP>

It sounds to me like you don't know much about what your talking about.

True

you see see my problem after you found a site that did a similar example

but

from your first post

"

$$F = k*(CV)^2/r^2$$

So for a ceramic capacitor of 20nF with V = 20V, F ≈ 3.6N.

The (CV)² term alone has a value of 16*10⁽⁻¹⁴⁾, so the

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force can't
be
anywhere near 3.6N"

is just utter nonsense and says you have no idea what your
talking
about(because its basic algebra to see your wrong). Shit,
there are two
other factors involved there yet you completely ignore them
like they
have
no effect(and it really only takes r)

I already admitted that I did in fact fail to look closely