

## Re: standard size for smt tantalums?

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2005-07/msg00515.html>

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- *From:* "Tam/WB2TT" <[t-tammaru@c0mca\\$t.net](mailto:t-tammaru@c0mca$t.net)>
  - *Date:* Mon, 4 Jul 2005 20:29:06 -0400
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"Michael Noone" <[mnoone.uiuc.edu@xxxxxxxxxx](mailto:mnoone.uiuc.edu@xxxxxxxxxx)> wrote in message  
[news:Xns9689A2EA41978mnooneuiucedu127001@xxxxxxxxxxxxxxxxxxxx](mailto:news:Xns9689A2EA41978mnooneuiucedu127001@xxxxxxxxxxxxxxxxxxxx)  
> Hi – I was just wondering – I've noticed that there are very few tantalums  
> made in the standard discrete surface mount sizes (1206, 0805, etc.). I  
> was  
> able to find a very limited selection of such capacitors made by TAC (for  
> example, Digi-Key part # 478-2562-1-ND). But these are expensive (over \$2  
> each for an 0805 in quantities of 100, compared to \$.50 for similarly  
> specced tantalums in different packages). So my question is this: Are  
> there  
> standard sizes for tantalums? Or does each manufacturer have their own  
> sizes?

I don't have the specs handy, but I suspect the largest size tantalum that  
would fit in a 1206 package would be around 1 ufd at 10V.

>  
> As long as I'm on the topic of tantalums – can somebody tell me why they  
> are recommended for power smoothing? Would a ceramic work just as well?  
> (as  
> they're cheaper and available in sizes I'm more used to)

Check the price on a 1 ufd ceramic; and where would you buy one that is 100  
ufd?

Tam  
>  
> Thanks,  
>  
> M. Noone

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- *Follow-Ups:*
    - ◆ [Re: standard size for smt tantalums?](#)  
◇ *From:* John Larkin

Re: standard size for smt tantalums?

◆ *Re: standard size for smt tantalums?*

◇ *From:* Michael Noone

• *References:*

◆ *standard size for smt tantalums?*

◇ *From:* Michael Noone

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