

Re: Please clarify European resistor value notation for me

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- *From:* Mike Monett <No@xxxxxxxxxx>
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Joerg <notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxx> wrote:

Mike Monett wrote:

Joerg <notthisjoergsch@xxxxxxxxxxxxxxxxxxxxxxxx> wrote:

I don't 'get' the funny US caps with curly plates though.

On CAD I do. Can be very handy when you need to indicate where the outside layer should be connected to. That can matter a lot in audio gear.

Regards, Joerg

Also indicate the negative terminal on electrolytics?

That can be dangerous.

Why? If the curved plate is suitable for indicating the outside layer, it should be good enough to indicate polarity. It is also useful to indicate

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the rotor on variable capacitors. This is generally grounded to minimize hand capacity effects when tuning, or to prevent rf burns or electrocution in high power transmitters.

However, I did a brief search and found to my horror that the curved plate is now rare. If it is used, the symbol also has a "+" sign on the flat plate to indicate polarity. Which is OK, really. Redundancy in polarity markings can't hurt.

However, I'm concerned that the symbol for variable capacitors seems to have changed to two flat plates with a diagonal arrow. There is no way to indicate which plate is the rotor. But I suppose that will eventually go the way of the buggy whip, since variable caps are used so rarely these days.

Regards,

Mike Monett

Antiviral, Antibacterial Silver Solution:

<http://silversol.freewebsite.org/index.htm>

SPICE Analysis of Crystal Oscillators:

<http://silversol.freewebsite.org/spice/xtal/clapp.htm>

Noise-Rejecting Wideband Sampler:

<http://www3.sympatico.ca/add.automation/sampler/intro.htm>

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