Subject: Re: Questions about piezo super tweet
Posted by Wayne Parham on Sun, 08 Feb 2004 22:29:17 GMT
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If you put an 8-20 ohm resistor across the tweeter, that becomes the most significant load. So you can then treat it like a purely resistive device. For example, if you use an 8 ohm resistor across the tweeter, then a 3.3uF series capacitor will make a first-order crossover set for 6kHz. These values become what you would expect for an 8 ohm speaker. You can also do the same kind of thing with a 16 ohm resistor if you need a 16 ohm load.So pick the resistor you need for the load you want and design your crossover accordingly. The tweeter circuit will actually have a very smooth impedance curve - Better than a voice coil speaker and a Zobel.