

I'm not a bot































@markt answer is correct. This is more of a side answer since it doesn't address your question directly, but it does help if you have made a mistake of choosing the wrong via size in the first place and need to change it. If you have a bunch of vias (this method actually applies to any object within Altium) like in the image below If you right click one of the vias, and select Select Similar Objects. You'll get a window like this These are basically search criteria for you to find similar objects. If I'm looking for any via, I would change the Object Kind - Via to Same If I'm looking for vias that have a certain hole size or via diameter, I would change those parameters to Same Check the Selected Matched check box at the bottom of the window and it will create find and select all those objects that meet your criteria. Now the awesome part. In your PCB Inspector Panel (it would have opened up if you have checked the Run Inspector at the bottom of the previous window). If not, then just open up your PCB Inspector Panel. You would see something like this If I were to change anything here, it would apply to all the selected objects. I can change its hole size and via diameter and it will change it for every via I have selected. It helped me a few times when I made a via too small and my fab house said it cant do it. To go through the entire PCB and find every single via and manually change it would have been a nightmare. But in a few short clicks, I changed all of them. Vias are used to create the vertical, or layer-to-layer connections in a printed circuit board. In the early days of board fabrication, all of the vias passed all the way through the board, from one side to the other. These thruhole vias are drilled after the layers are fabricated and the routing etched. The conductive via barrels are formed in the drilled holes using an electro-less plating process, completing the layer-to-layer connections. The development of PCB fabrication technology saw the introduction of multilayer boards, and with it, the ability to drill vias between other pairs of layers. By drilling vias at certain points during the fabrication process, it was possible to create vias that only spanned two adjacent signal layers. These are referred to as blind vias (from a surface layer to the next layer in) and buried vias (between two internal layers). Improvements in fabrication techniques and the introduction of laser drilling gave the ability to create very small (