

Hi support team.

My customer is considering TO-92 package of DRV5032.

So they have three questions.

Q1 :

They want to fix the space surrounded by the red square in the figure below. What kind of method is there?

Is there only a way to use spacers?

8.3.1 Magnetic Flux Direction

The DRV5032 device is sensitive to the magnetic field component that is perpendicular to the top of the package (as shown in Figure 14).

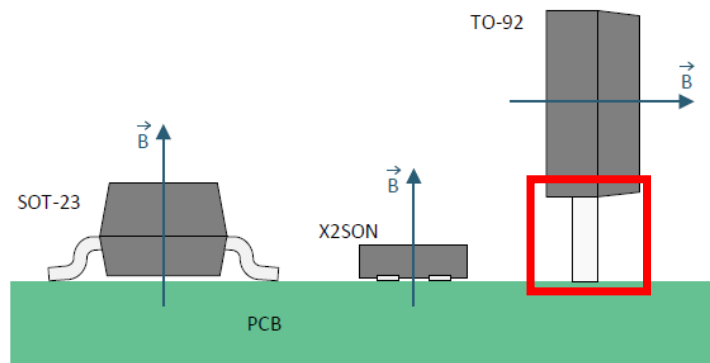
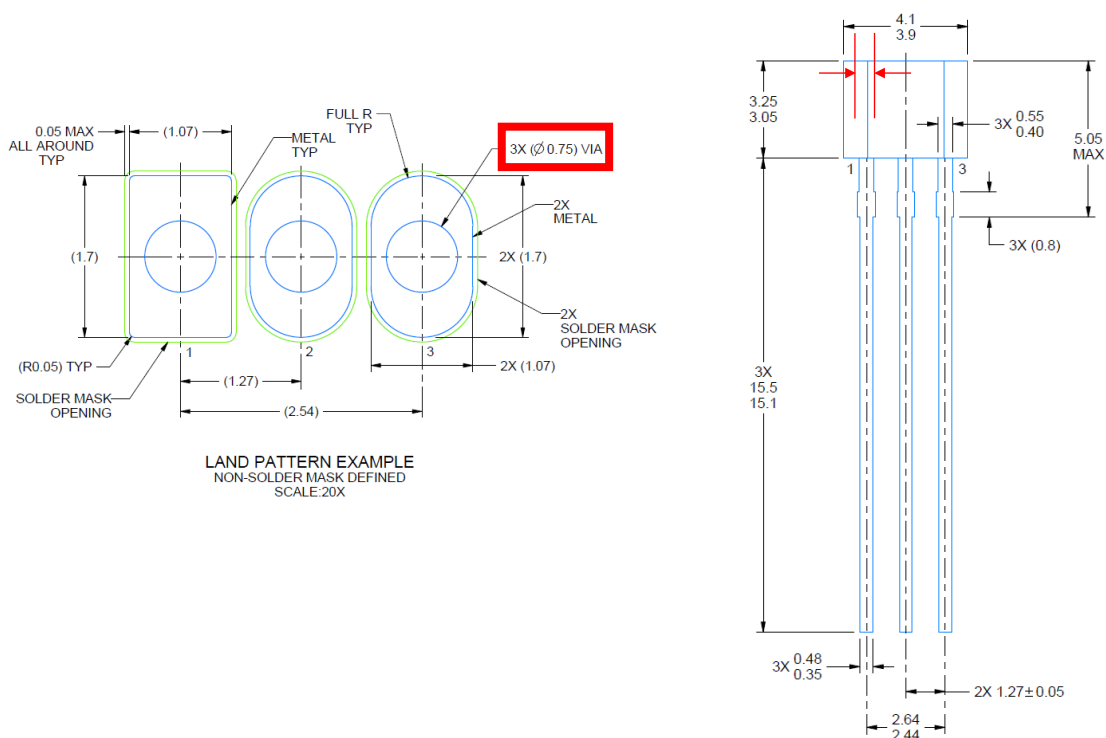


Figure 14. Direction of Sensitivity

Q2 : Please tell me the size of the width of the protrusion of the lead of the TO-92 package. (Including tolerances)

Is it possible to stop using the protrusion of the lead with the hole size ($\phi 0.75$) shown in figure of the land pattern example?



Q3 :

Does it affect the detection accuracy when implemented as shown in the figure below? Are there any other issues?

