

- \* Mounting holes on Every PCB design, but there is very little document about this subject matter.
- \* A google / Wikipedia search on "mounting holes" addresses no solution to the PCB designer. Another Issue that Interfaces with standardization is imperial unit ASNI hardware and ISO metric hardware.
- \* The supposed mounting hole usually gets tied to the copper plane without a Thermal Relief and the supposed hole vias gets both the main hole and the via tied to the planes.
- \* The create a library:-

The library name should be unique within a chosen library table. It should be unique with commercial what footprints to expect within it to your target Audience.

- \* This means the most sharable name will only contain letters, numbers, underscore, and minus.

- \* create a PCB footprint:-

There are 4 steps of creating footprint in Altium.

- i) Create the pads.
- ii) Define components height & area.
- iii) Add silk screen Information.
- iv) Save the footprint.

- \* Here how to create your footprint in Altium Designer in 4 easy steps:-

- Procedure to create the pads.
- Procedure to define the component.
- Procedure to add silk screen.
- Procedure to save footprint.

## Mysql

### Hiding a sensitive data .php and cgo & quotes

#### 1) Hiding a sensitive data:-

- \* If we thought of Installation of mysql, we should consider a wide range of possible procedures / best practices and how they affect the security of your mysql server & Related Applications.
- \* mysql provides many tools / features / plugins in order to protect your data. Including some Advanced features like Transcript data encryption aka TDE, Audit, Data masking etc:-
- \* PHP double quotes v/s single quotes.
- \* Strings in PHP can be specified in four different ways, single quoted, double quoted, Heredoc syntax, and nowdoc syntax, The first two of them being by far the most frequently used.
- \* PHP's printf() function.
- \* The sprintf() function writes a formatted string to a Variable.
- \* Syntax:- sprintf (format, arg, arg2, arg++)

#### Introduction to user defined Variables:-

- Mysql supports user defined variable to have some data that can be used later part of query.