

# NC Drill Setup



## Options

### NC Drill Format

Specify the units and format to be used in the NC Drill output files.

This controls the units (inches or millimeters), and the number of digits before and after the decimal point.

#### Units

- Inches
- Millimeters

#### Format

- 2:3
- 2:4
- 2:5

The number format should be set to suit the requirements of your design. The 2:3 format has a 1 mil resolution, 2:4 has a 0.1 mil resolution, and 2:5 has a 0.01 mil resolution. If you are using one of the higher resolutions you should check that the PCB manufacturer supports that format. The 2:4 and 2:5 formats only need to be chosen if there are holes on a grid finer than 1 mil.

### Leading/Trailing Zeros

- Keep leading and trailing zeroes
- Suppress leading zeroes
- Suppress trailing zeroes

### Coordinate Positions

- Reference to absolute origin
- Reference to relative origin

### Other

- Optimize change location commands
- Generate separate NC Drill files for plated & non-plated holes
- Use drilled slot command (G85)
- Generate Board Edge Rout Paths
  - Rout Tool Dia
- Generate EIA Binary Drill File (.DRL)

OK

Cancel

Generate output files



# passive meter board

Outputers	Configure	Page Setup	Status
<b>BOM</b>			
Bill of Materials	<a href="#">Configure...</a>	<a href="#">Page setup...</a>	<input type="checkbox"/>
<b>Documentation</b>			
Schematic Prints	<a href="#">Configure...</a>	<a href="#">Page setup...</a>	<input type="checkbox"/>
PCB Prints	<a href="#">Configure...</a>	<a href="#">Page setup...</a>	<input type="checkbox"/>
PCB 3D Print	<a href="#">Configure...</a>	<a href="#">Page setup...</a>	<input type="checkbox"/>
<b>Fabrication</b>			
Gerber Files	<a href="#">Configure...</a>		<input type="checkbox"/>
NC Drill Files	<a href="#">Configure...</a>		<input checked="" type="checkbox"/>
ODB++ Files	<a href="#">Configure...</a>		<input type="checkbox"/>
Report Board Stack	<a href="#">Configure...</a>		<input type="checkbox"/>
IPC-2581 Files	<a href="#">Configure...</a>		<input type="checkbox"/>
<b>Assembly</b>			
Generates pick and place	<a href="#">Configure...</a>		<input type="checkbox"/>
Assembly Drawings	<a href="#">Configure...</a>	<a href="#">Page setup...</a>	<input type="checkbox"/>
<b>Validation</b>			
Design Rules Check		<a href="#">Page setup...</a>	<input type="checkbox"/>
Electrical Rules Check	<a href="#">Configure...</a>	<a href="#">Page setup...</a>	<input type="checkbox"/>
<b>Export</b>			
Export STEP	<a href="#">Configure...</a>		<input checked="" type="checkbox"/>

Generate

View

Close