

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 Zeroes

☐ 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 PathsRout Tool Dia ☐ Generate EIA Binary Drill File (.DRL)

OK

Cancel

Generate output files

passive meter board

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

Generate

View

Close