

130214
Job Editor

Buildup
B363048

Java NullPointerException was generated when trying to Import a Polar file containing a core without copper. These Polar files can now be imported normally.

130214
Input

IPC-D-356
BB03208

Some improvements to IPC-D-356A input have been implemented:

1. Misalignment of the job name in a P JOB record of an incoming IPC-D-356A file caused the input to abort with an error message advising the operator to address the problem. This misalignment is now silently accepted. The operator is still advised, but input continues.
2. The presence of unsupported parameter record designations (like P LAYER or P AREA) in an incoming IPC-D-356A file caused the IPC-D-356A input to abort. Unsupported parameter record designations are now silently skipped and input continues.

130215
Editing Tools

FlashMaker
B363010

FlashMaker on Regions and Complexes on COMplex apertures on which a rotation and mirroring is applied on the original COMplex apertures could get confused by the combination of the transformations and the transformations applied on the resulting "standard" aperture could be incorrect (which could result in modified image). These transformed COMplex aperture are now correctly replaced with respecting the original image.

130227
Netlist Output

IPC-D-356A
BB03197

Shielded adjacency calculation was limited to adjacent objects within the range of 250mil, in case a bigger adjacency value was specified some unshielded adjacent nets could be

ignored. The limit of the shielded adjacency calculation has been extended to 1 inch.

130227

Input

Gerber

B363204

Gerber input of a file containing region definitions, for which a Cut-in inner contour has a common side, under an angle of 45° , with the outer contour, could be missing the cut-in clearance. These constructions are now flagged as self-intersecting contours and the expected image is obtained. Gerber input of a file containing region definitions, for which a Cut-in inner contour has a common side, under an angle of 45° , with the outer contour, could be missing the cut-in clearance. These constructions are now flagged as self-intersecting contours.