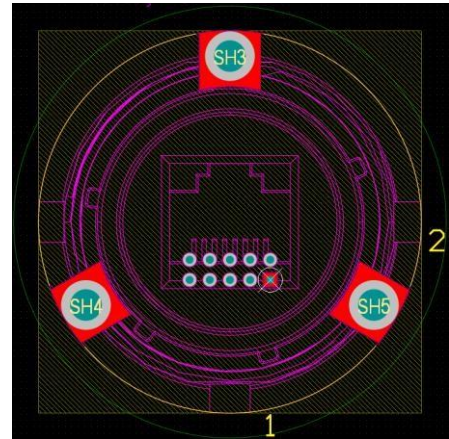
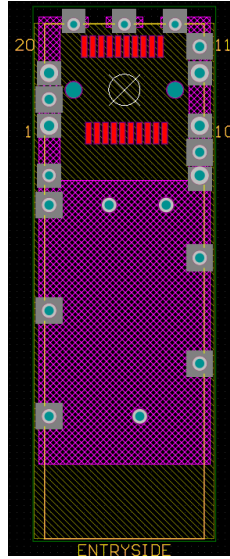
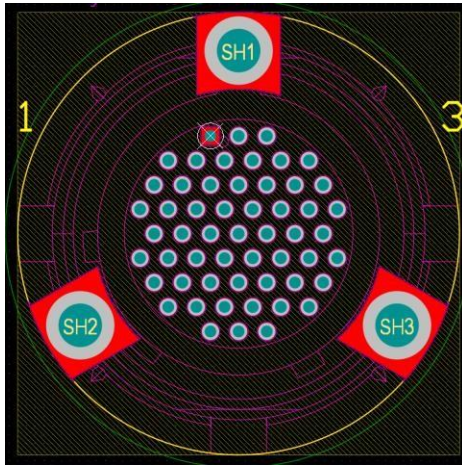


PORTFOLIO

1. PCB design services are handled on all multilayer boards.
2. PCB design tools like **Altium, Allegro, Expedition, Pads and Kicad**
3. The handled PCB types include IoT boards, digital signal, analog signal, combined mixed signals, and prototype boards
4. High-power, high-isolation boards, R&D design boards, and I/O boards
5. Prototype design from scratch to completion, handling hardware design, development, circuit testing, and software functionality testing
6. Manual assembly of components at low-level packages starting from 0402, along with hardware testing and troubleshooting
7. Schematic symbol design with high-end standard BGA, supporting a maximum pin count of 2500+, and footprint creation as per standards like IPC or individual customer specifications
8. Handled very complex footprints, including BGA, complex sockets, high-power and high-current footprints, micro connector footprints, and BGA parts with missing pins, supporting up to 3000+ pins
9. QA checks schematic and footprint according to standards or form-fit function.
10. Layout design follows the reference stackup and design, or new designs are created according to specifications.
11. The layout follows the mechanical parts as per customer specifications and design-level implementation.
12. Gerber files checked with CAM 360
13. Reverse engineering tool-to-tool conversion, such as Altium, Allegro, and Expedition, compared with a 1:1 design

Footprint Activity



PCB Layout

