

Instructions for Processing Advanced Assembly Stencil Apertures

1. Remove obvious fiducials, tick marks, board outline, and extraneous text.
2. All parts with pitch $\leq .635\text{mm}$ (25mil) aperture = 10 mil. All parts $> .635\text{mm}$ pitch have apertures are 1:1.
3. Any aperture widths less than 10 mils should be made 10 mils.
4. Adjust all QFN thermal pads by the specified reductions (default is 50%) with a 5 Round Pattern as shown below.

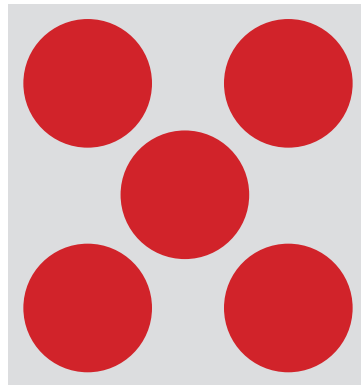
Starting QFN Thermal Pad



Final QFN Thermal Pad consists of 5 Round Apertures.

Starting Pad is shown in Gray.

Note slight (10 mils) of space from final round edge to starting edge.



Diameter of each ROUND APERTURE:

1. Calculate Final Area = Starting Area x Reduction
2. Diameter = $0.5 \times \text{SQRT}(\text{Final Area})$