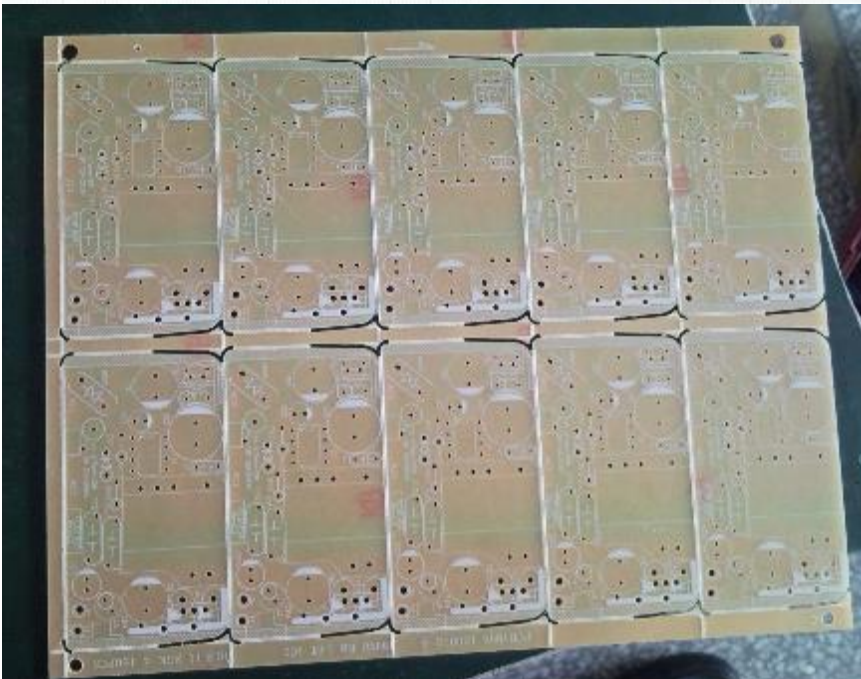
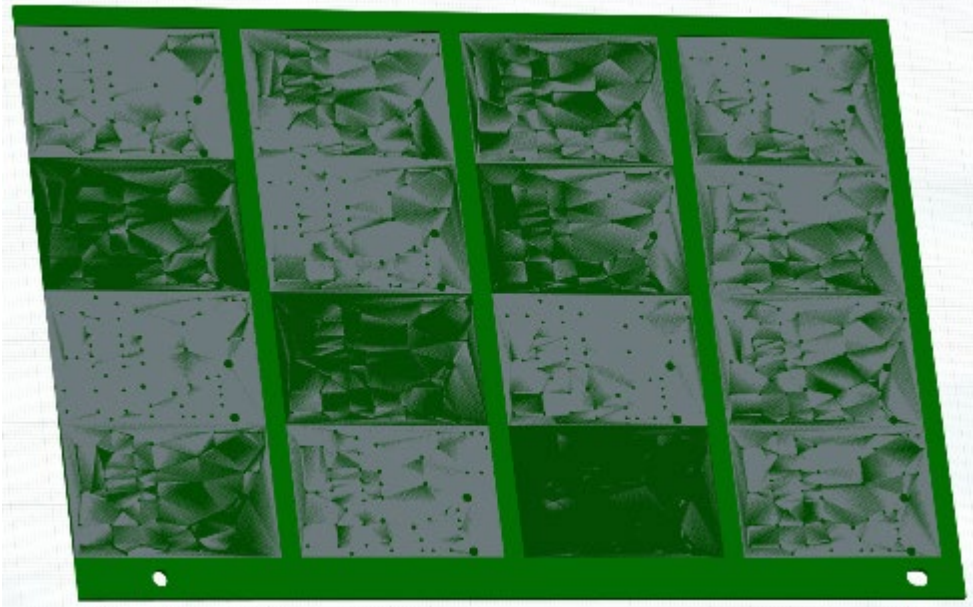
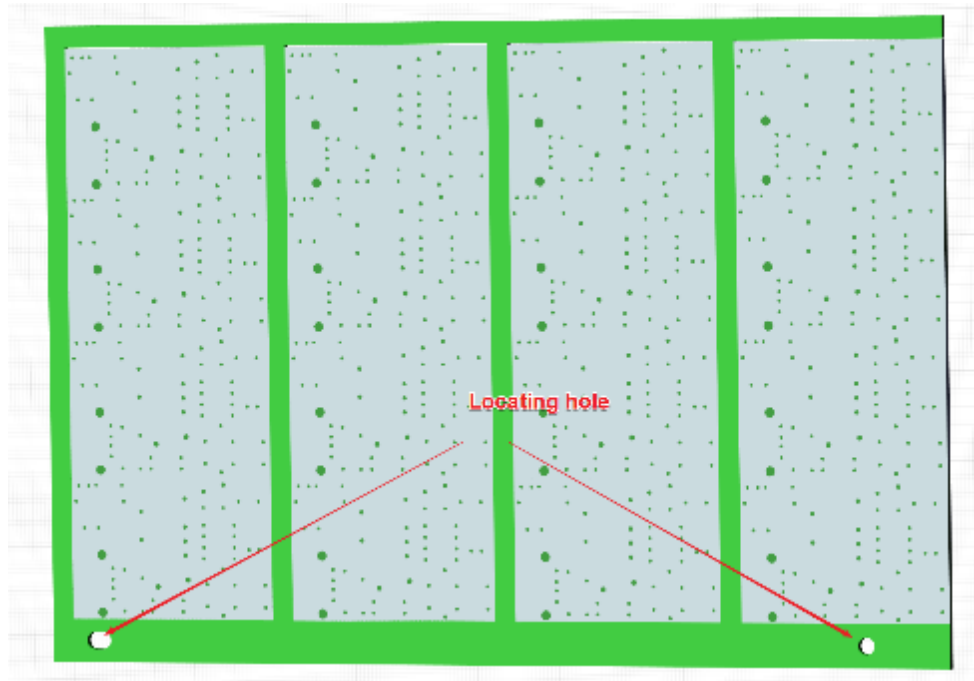


1. The bare PCB is a panel measuring L:          mm x W:          mm . Each such panel contains 16 individual PCBs arranged in 4x4 matrix.

Top (component) view

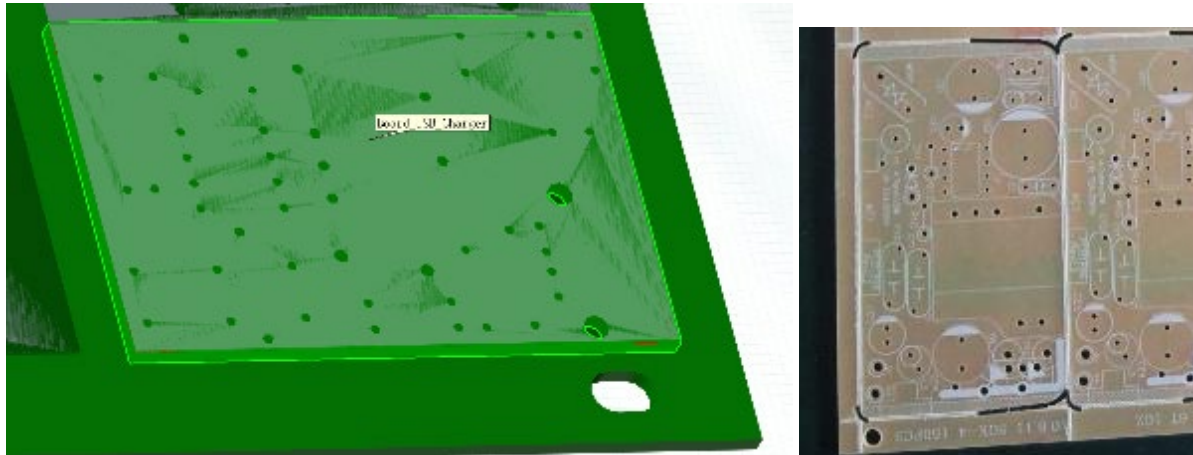


Bottom view

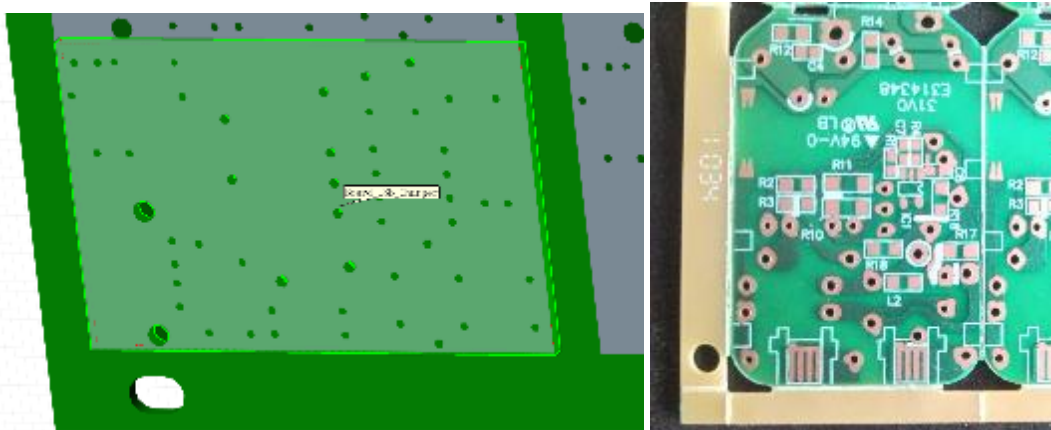


2. A zoomed-in photograph of the bare PCB is shown below.

Top (component) view

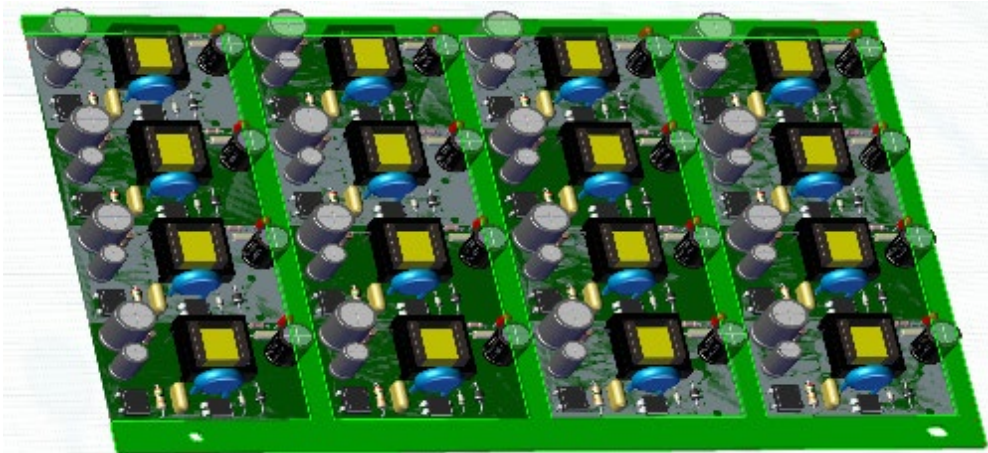


Bottom view

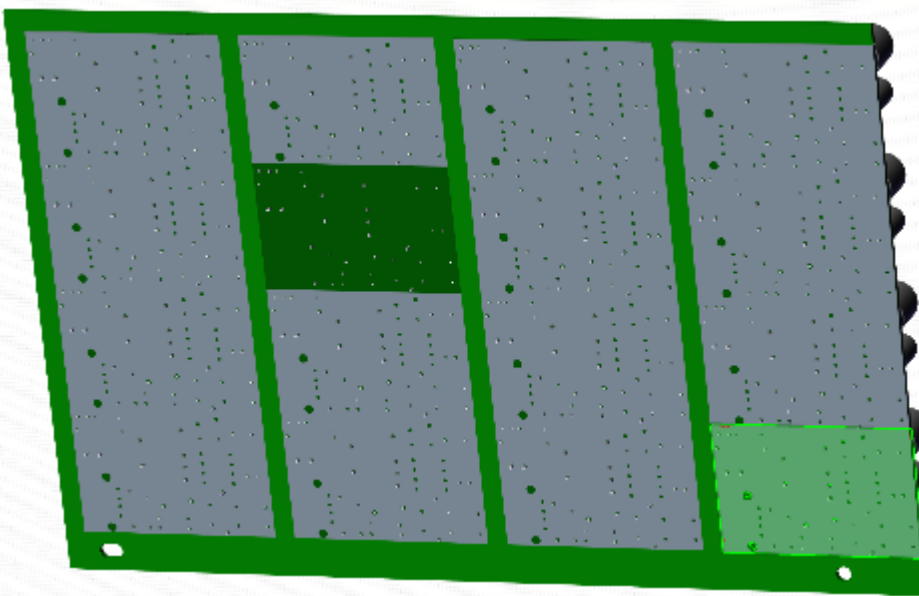


3. The pictures of a fully assembled PCB are shown below.

Top (component) view

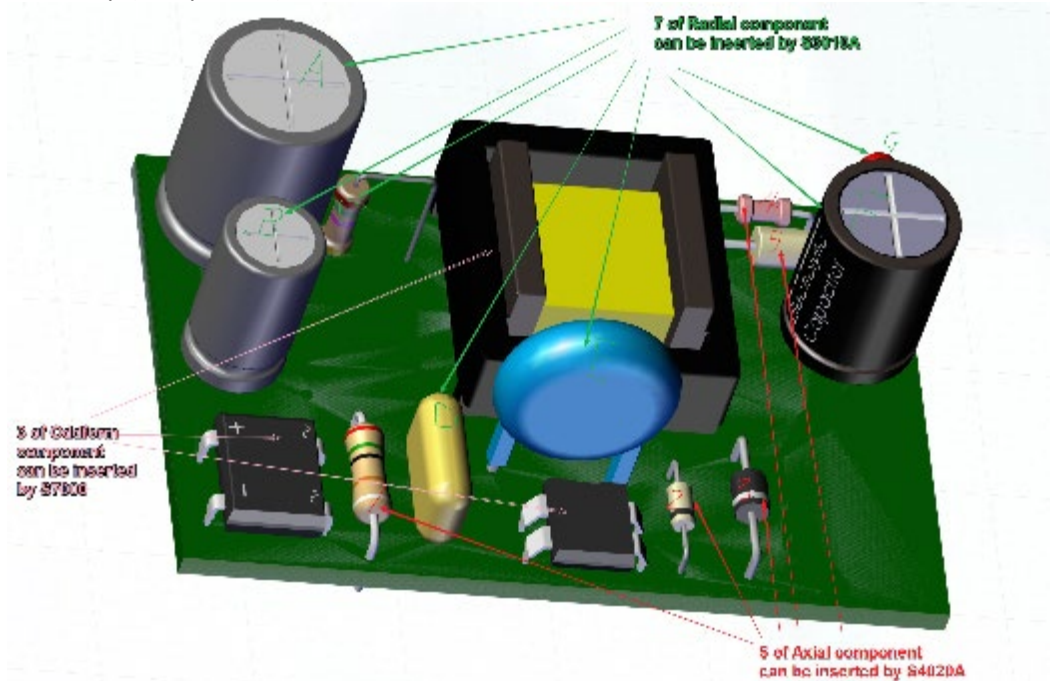


Bottom view



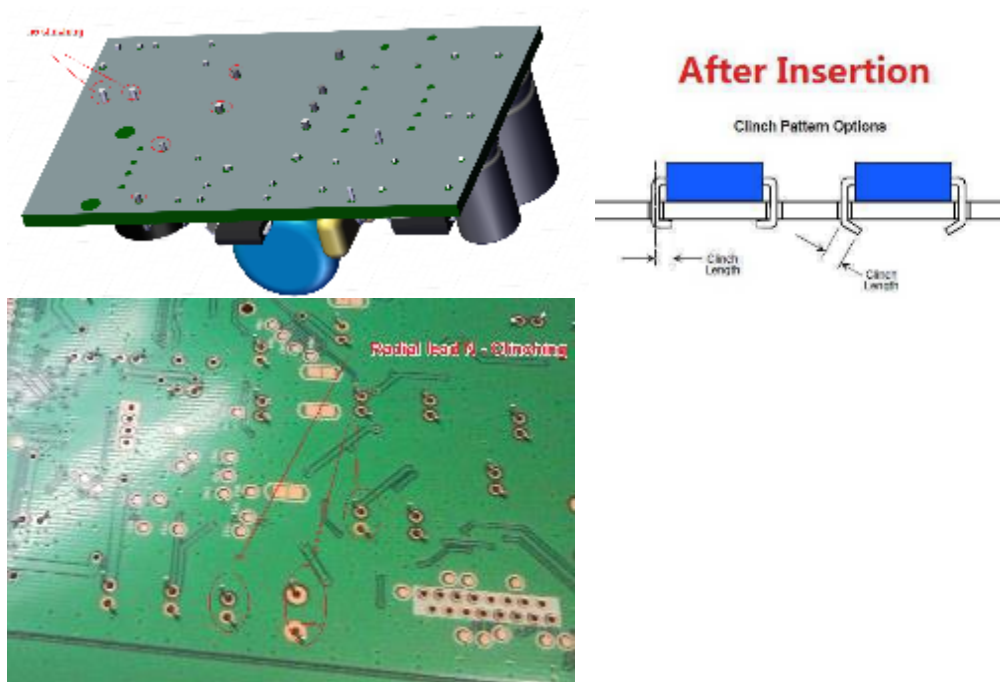
4. A zoomed-in version of the fully assembled PCB is shown below.

Top (component) view

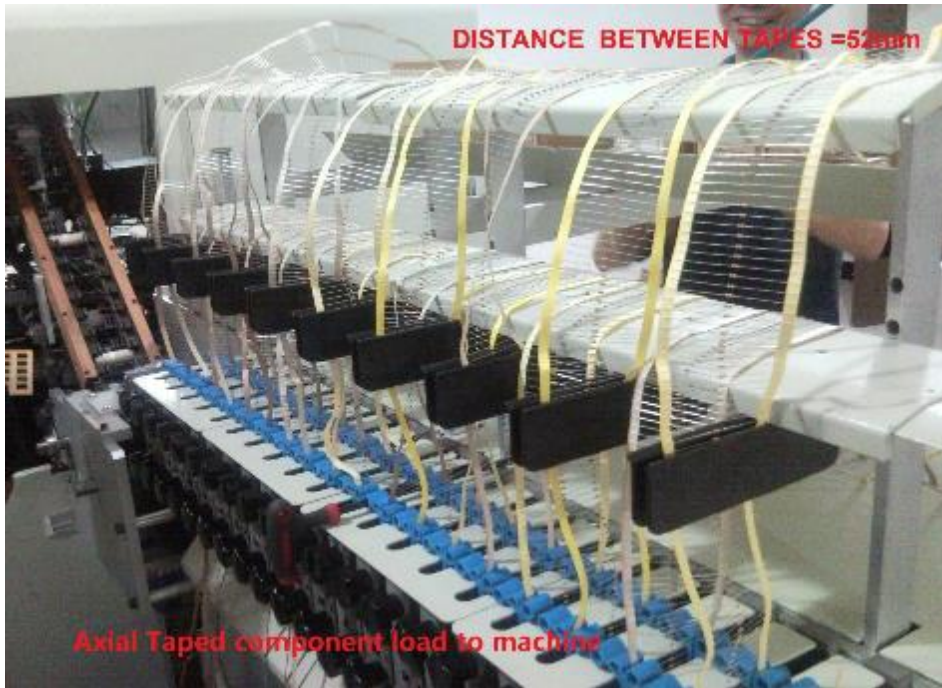


There are total of 15 thru-hole components that are inserted into the PCB. These inserted thru-hole components are highlighted on one of the individual PCBs of the panel.

Bottom view (after auto insertion: Axial and Radial component should be clinching)



5. The picture below shows individual thru-hole components that are inserted into the PCB.  
 Axial Lead component:



### Standard Input Pitch Distances (E)

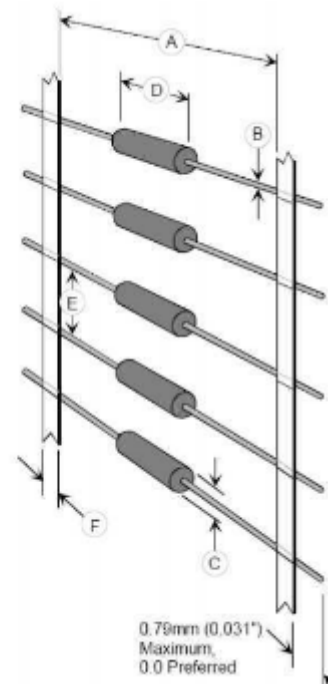
5.08 mm (0.200 in.) or 10.16 mm (0.400 in.)

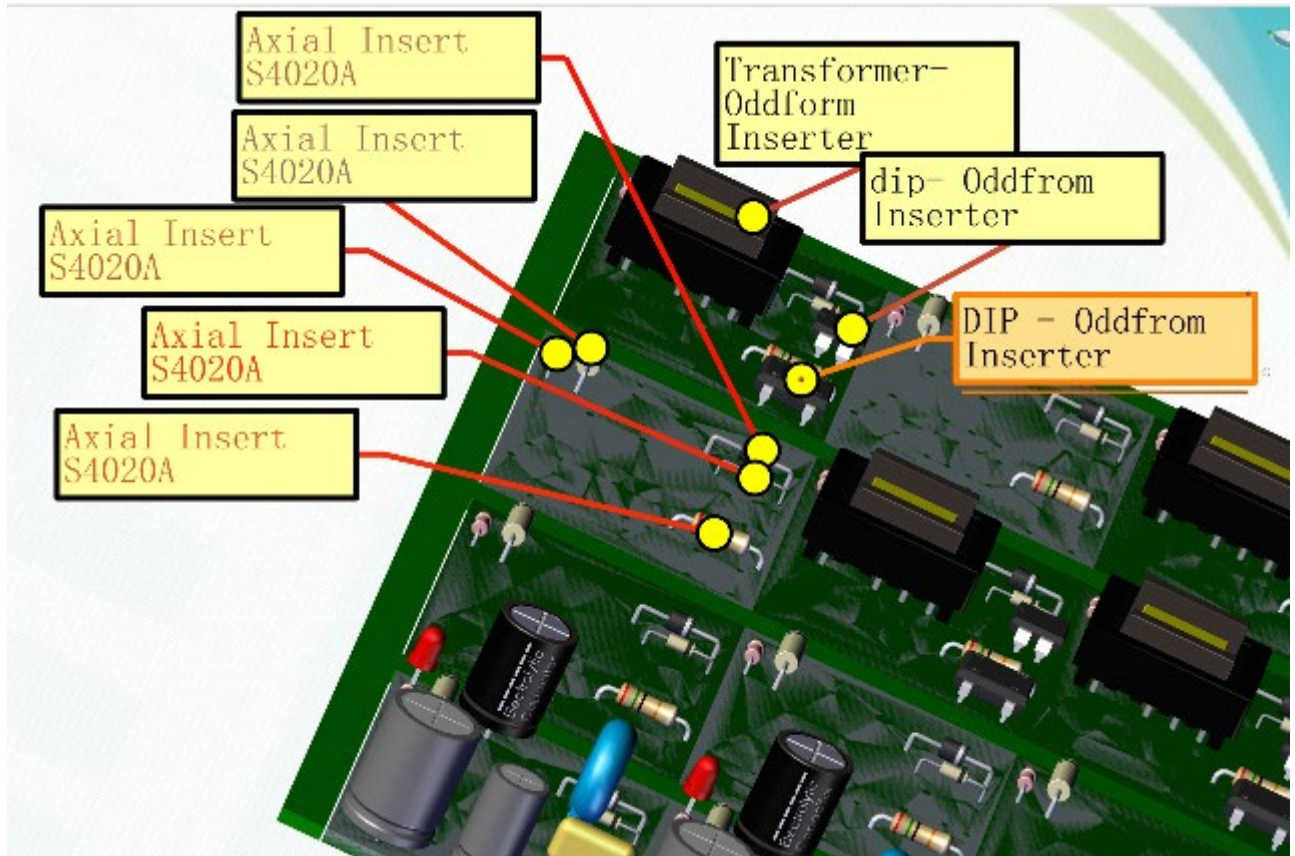
### Tape Width (F)

Standard 6.4 mm (0.250 in.) Tape

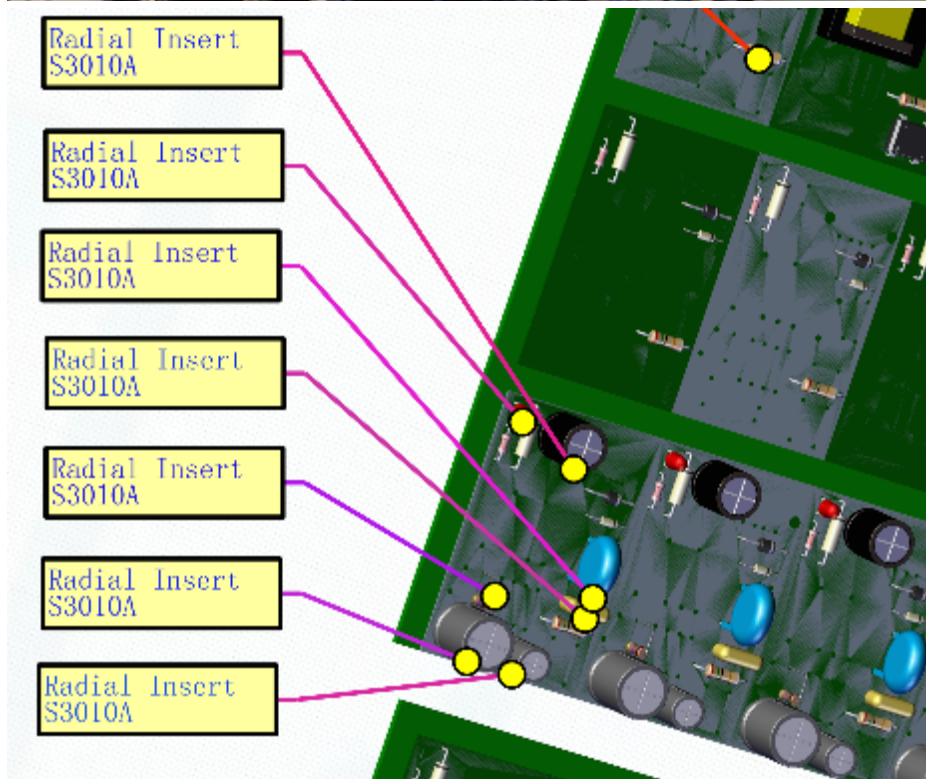
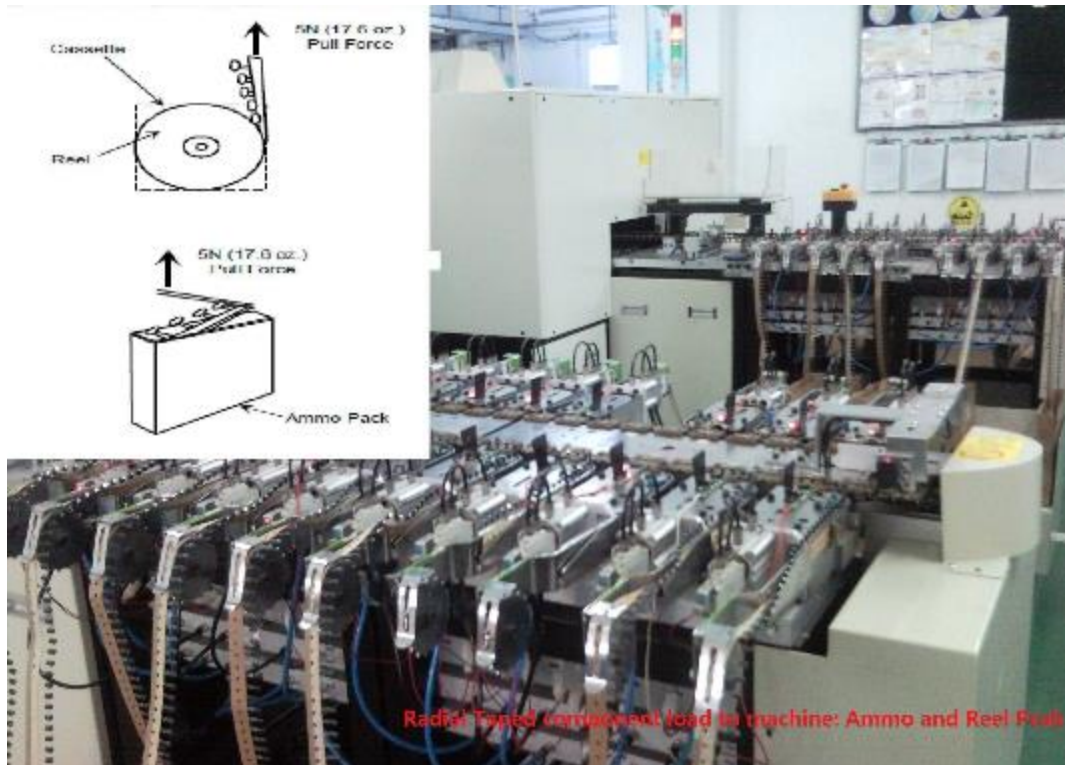
#### Notes:

- 1 Component lead diameters are for optimum performance using the listed tooling. Consult a Universal Sales Engineer for deviations from the figures listed.
- 2 Increased insertion span is possible with reduction in maximum body diameter and board thickness. Consult a Universal Sales Engineer for optional tooling.
- 3 When inserting components at 5mm (0.197 in.) to 5.5mm (0.216 in.) insertion spans, maximum lead diameter is 0.81mm (0.024 in.).
- 4 At 5mm and insertion span, the maximum component body diameter is 2.29mm (0.090 in.).
- 5 Minimum printed circuit board hole diameter is nominally 0.48mm + 0.08mm (0.019 in. + 0.003 in.) + lead diameter.
- 6 Body length is dependent on the insertion span. See "Component Body Length Considerations" for additional information.










Radial Lead component:



Oddform component:



<b>Component List 2</b>						
Item	Loc	Description	Package	Insertion Machine	Feeder	Remark
1	CE-U	cap		Osaka Form Insertion	Radial faced feeder	
2	L0	inductor		Radial Insertion		PLC Item 2.8 & 7 no normal Radial Insertion machine
3	TR1	Transistor		Osaka Form Insertion	Axial Taped feeder	
4	T2	Transformer		Osaka Form Insertion	Vibration Bow Feeder	
5	CON2	USD		Osaka Form Insertion	Vibration Bow Feeder	

