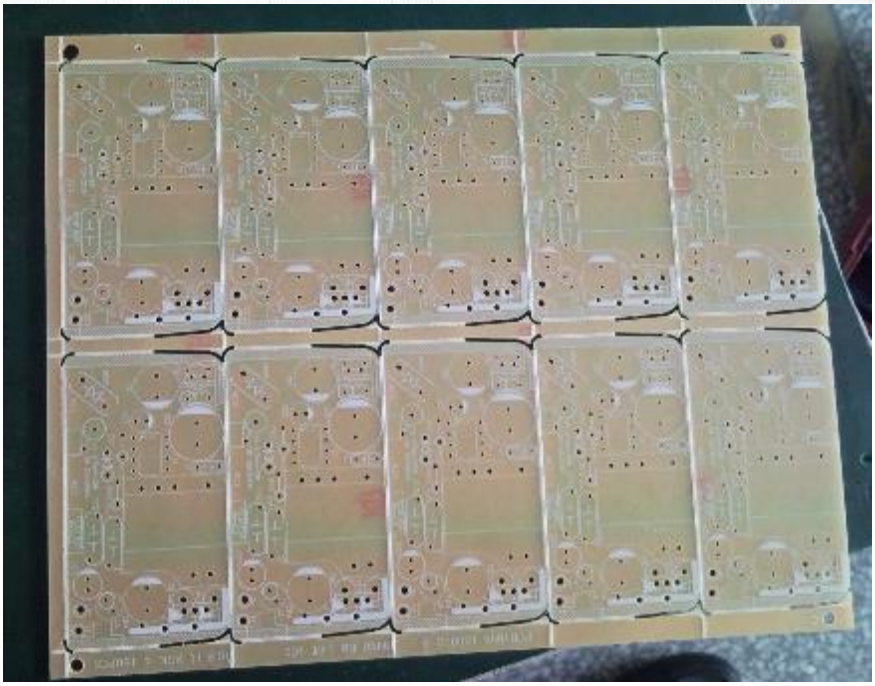
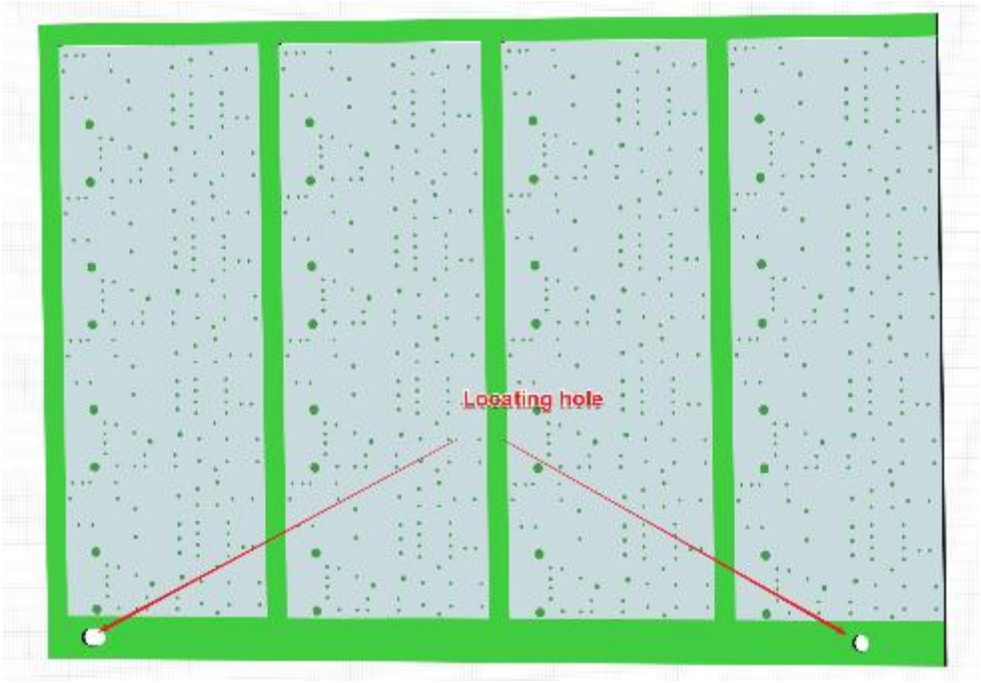
1. The bare PCB is a panel measuring L: _____mm x W: _____mm . Each such panel contains 16 individual PCBs arranged in 4x4 matrix.

Top (component) view

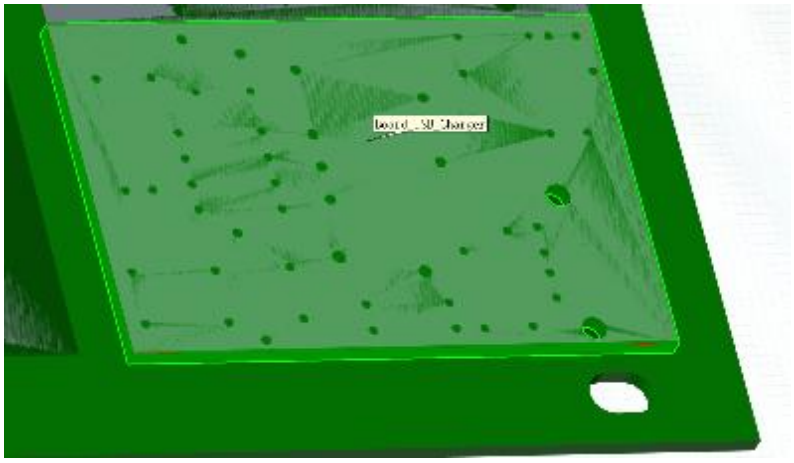


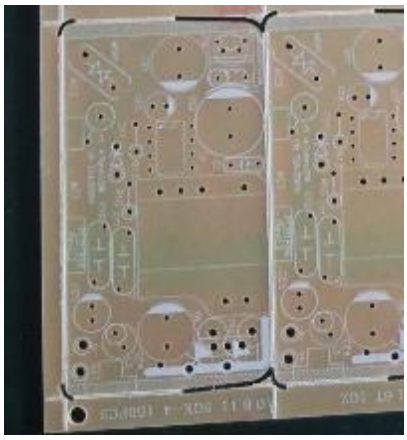
Bottom view


Locating hole

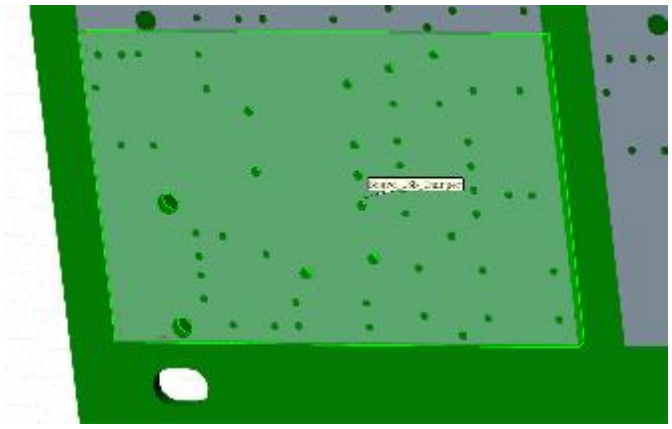
2. A zoomed-in photograph of the bare PCB is shown below.

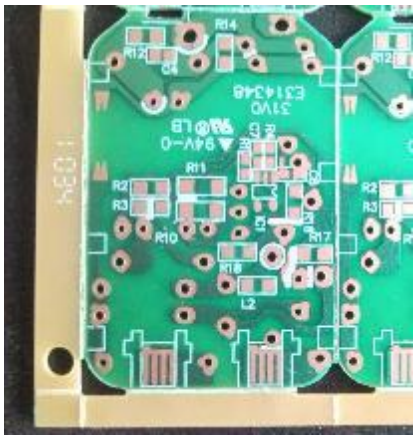
Top (component) view





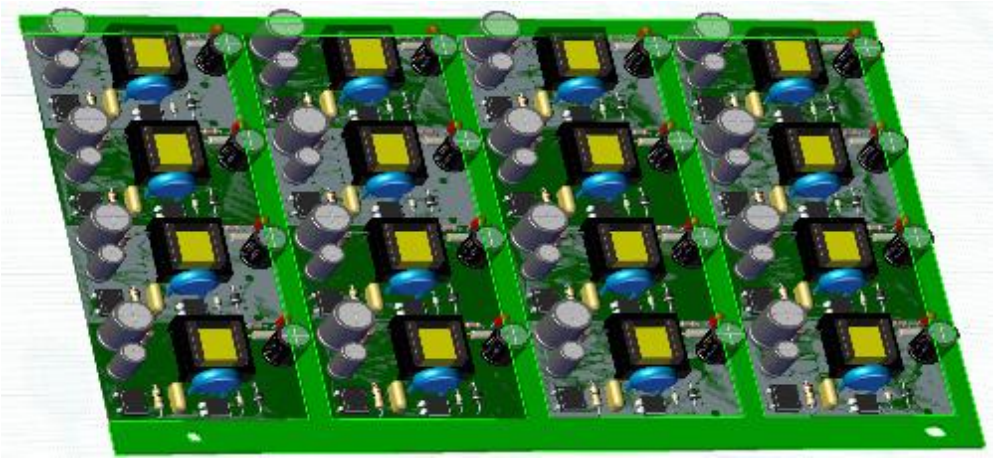
Bottom view



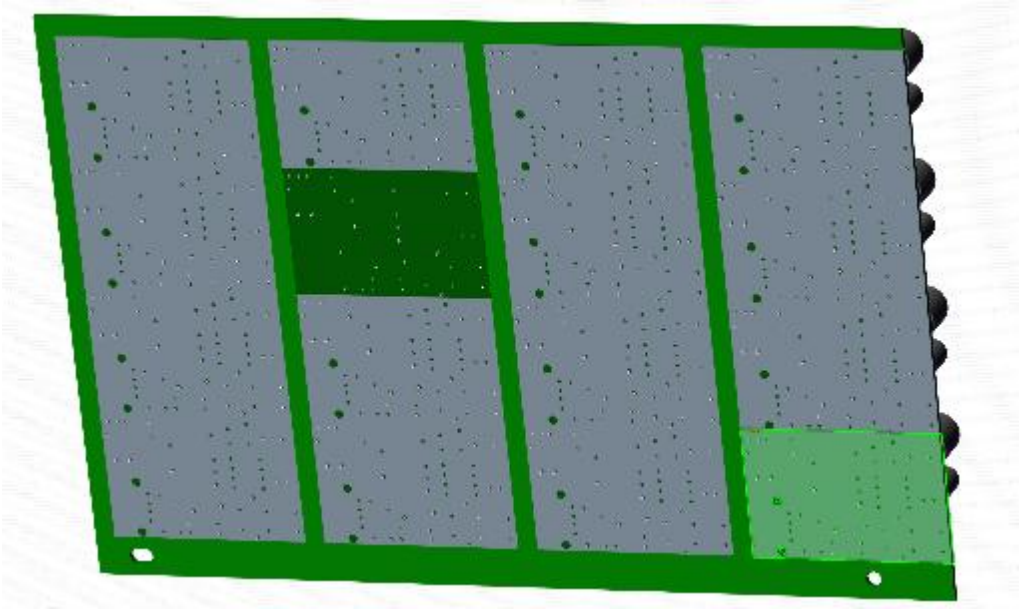


3. The pictures of a fully assembled PCB are shown below.

Top (component) view

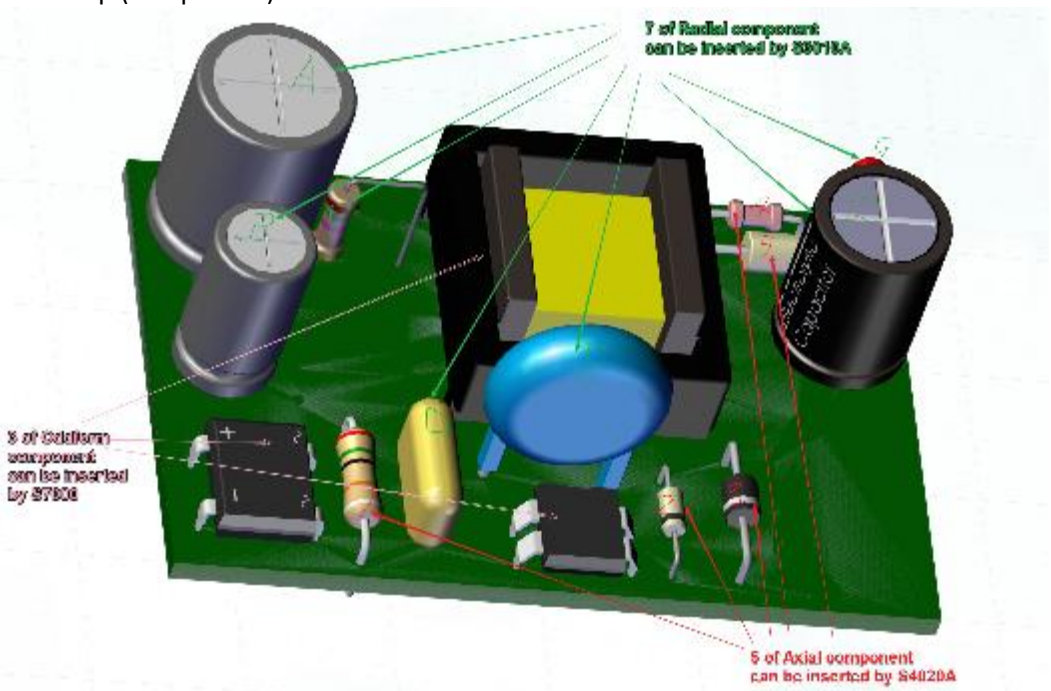


Bottom view



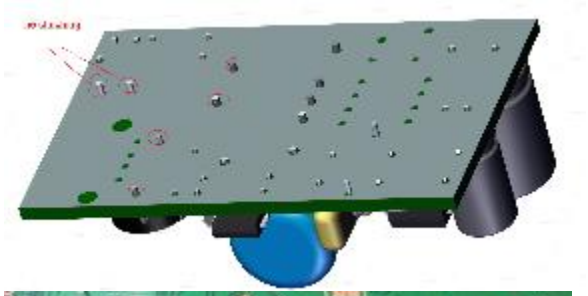
4. A zoomed-in version of the fully assembled PCB is shown below.

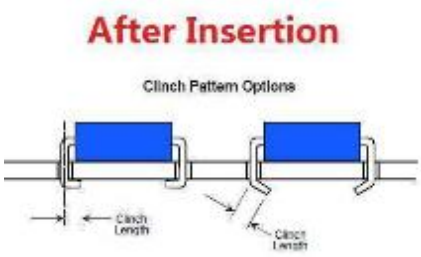
Top (component) view

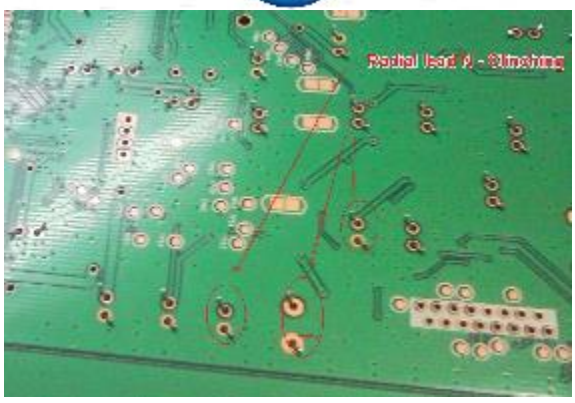


There are total of 15 thru-hole components that are inserted into the PCB. These inserted thru-hole components are highlighted on one of the individual PCBs of the panel.

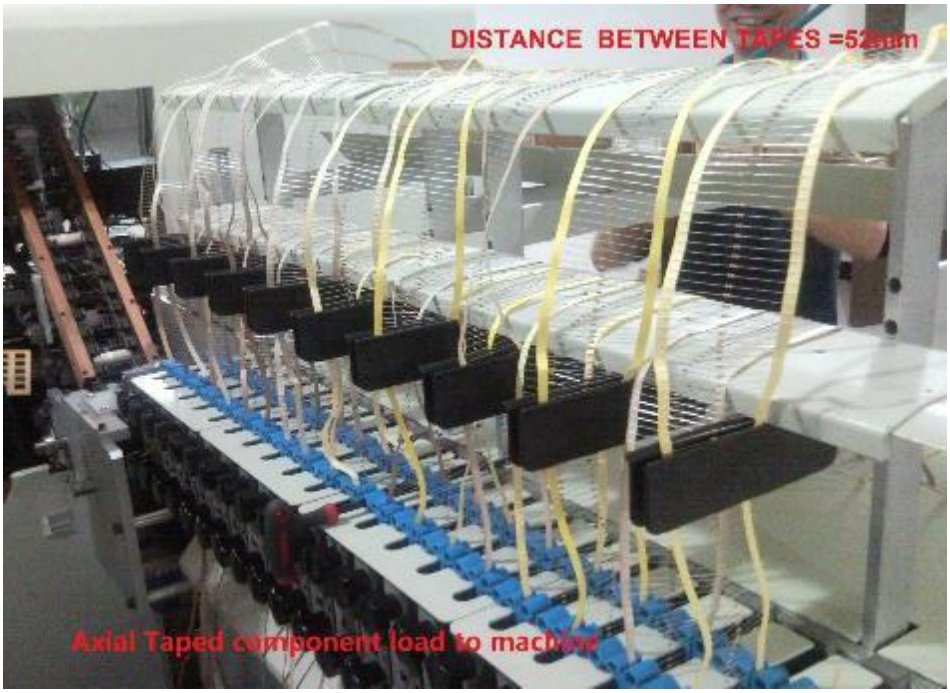
Bottom view (after auto insertion：Axial and Radial component should be clinching)







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



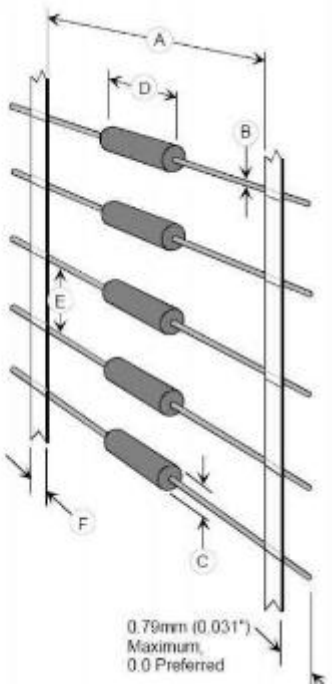
Standard Input Pitch Distances (E)

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 0.51mm (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.



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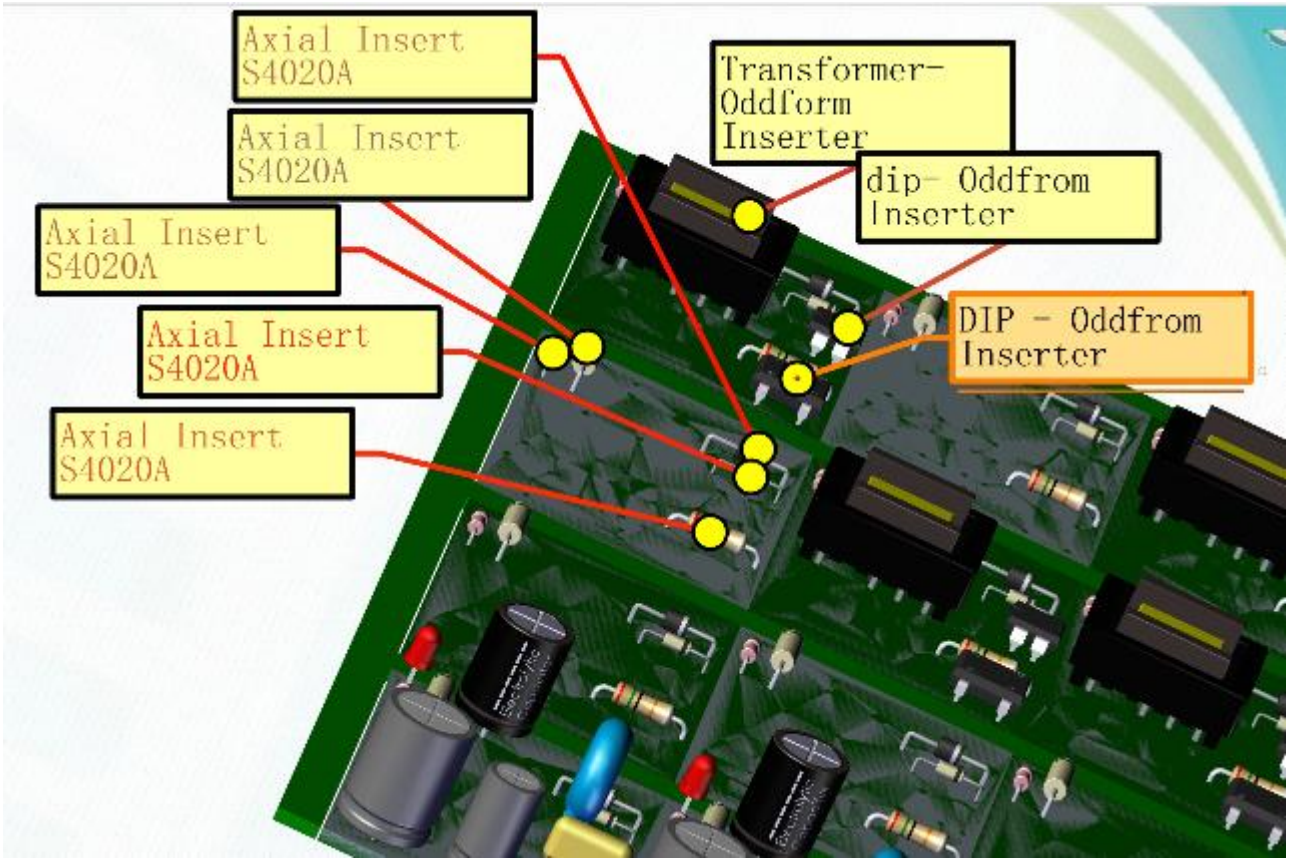
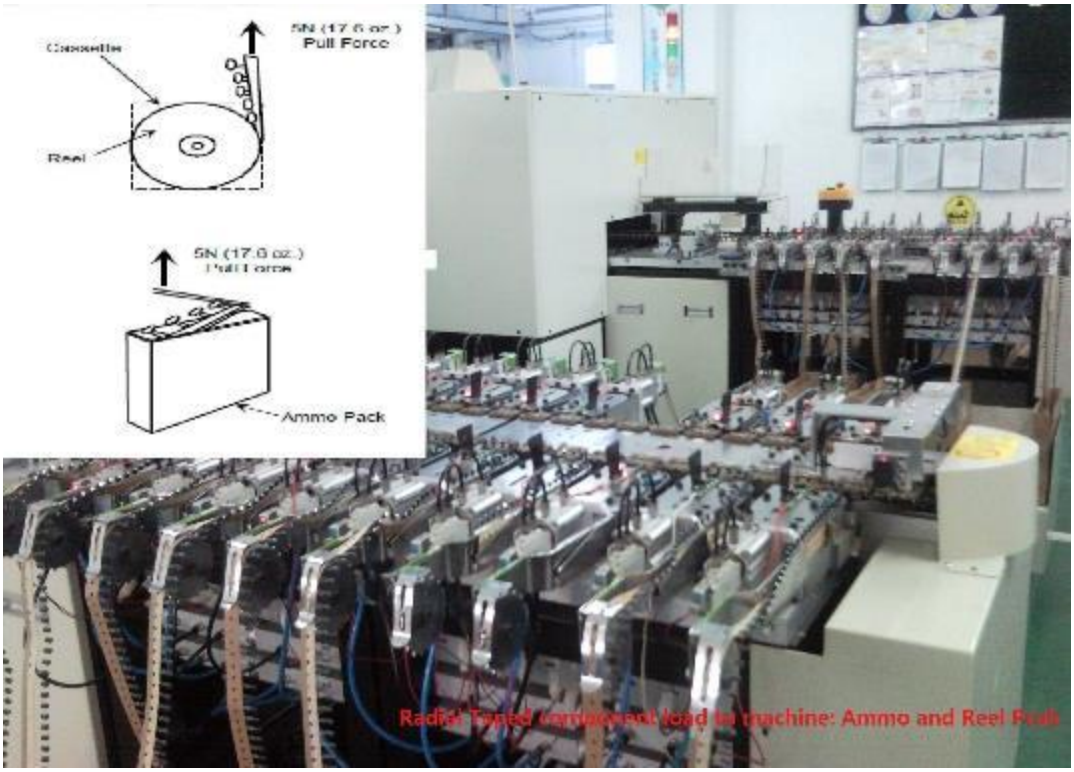
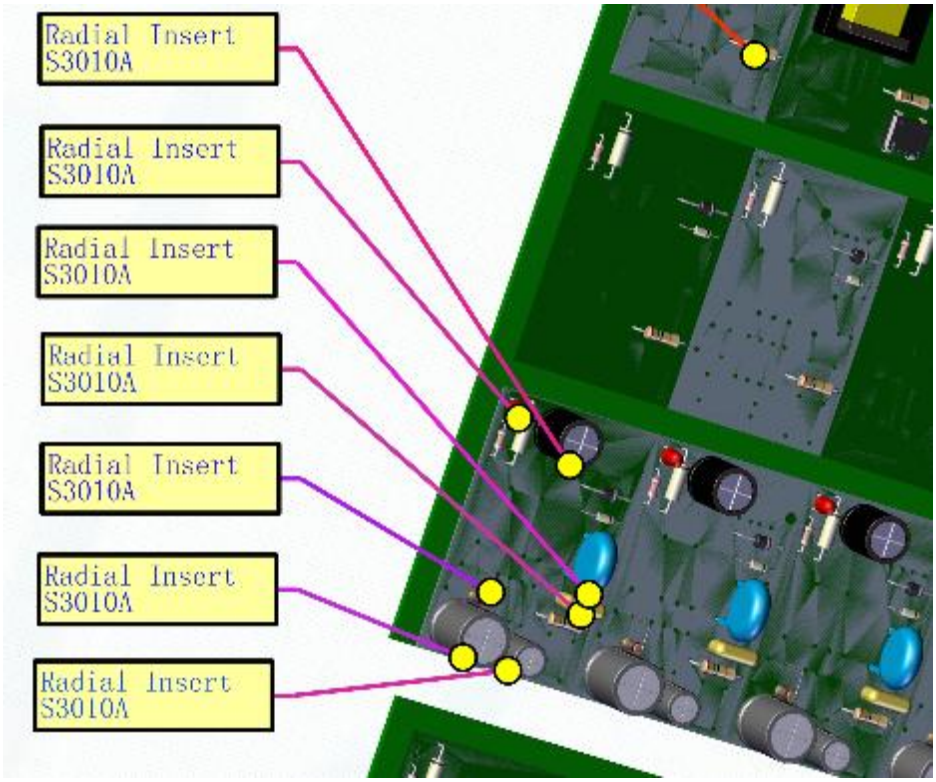


lll'l'l'l'l'l'l'l'l'l'l'l'l'l'l'l'l'l'l

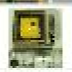
Radial Lead component:





Oddform component:

Component List 2

Item	Loc	Description	Package	Insertion Machine	Feeder	Remark
1	CE10	ecap		Odd-form Inserter	Radial taped feeder	
2	L10	Inductor		Radial Inserter		Put item 2,8 &7 to normal Radial Insertion machine
3	TR1	Resistor	 	Odd-form Inserter	Axial Taped feeder	
4	T2	Transformer		Odd-form Inserter	Vibration Bowl Feeder	
5	CN2	USB		Odd-form Inserter	Vibration Bowl Feeder	