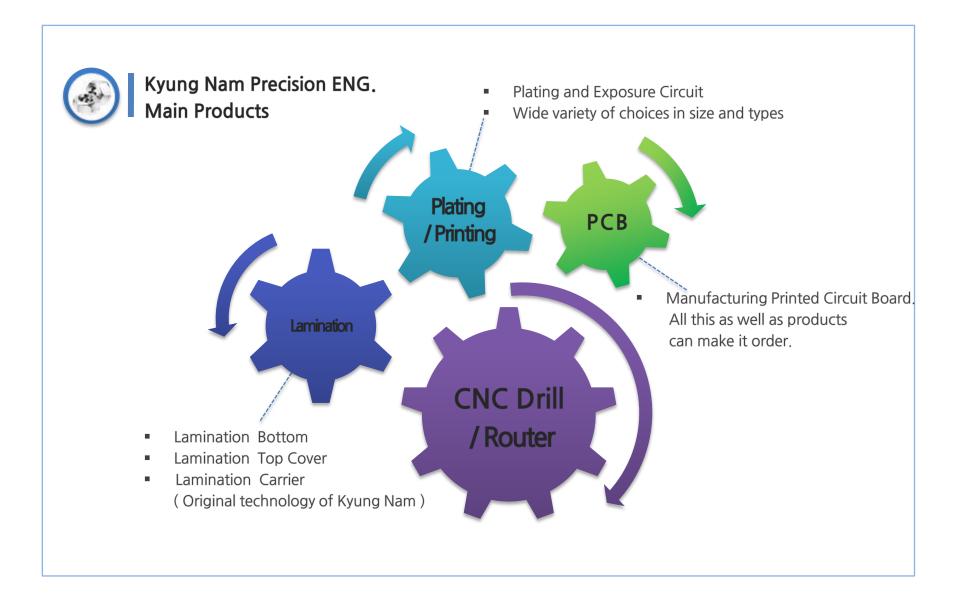




### **STAPLE PRODUCTS**





### FRACTION DEFECTIVE - LAMINATION(Hot press) PROCESSING



10,000ea per work basis (Result is vary depending on operator and processing)

	Bonding Machine	Circle Guide Pin	Other Rivet	Kyung Nam's Rivet
4 layers	5%	12%	20%	2%
6 layers	4%	16%	24%	2%
8 layers	10%	20%	28%	3%
Up to 10 layers	15%	26%	34%	4%

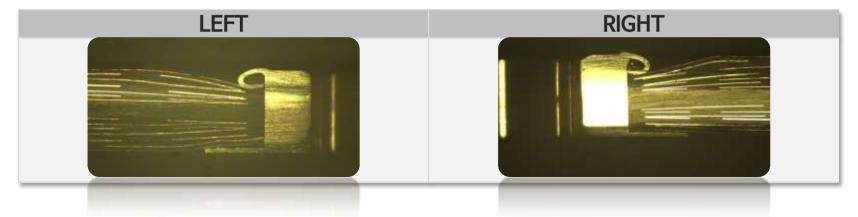


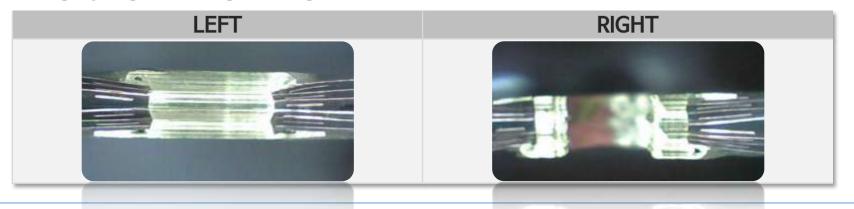
10,000ea per work basis (Result is vary depending on operator and processing)

	Bonding Machine	Circle Guide Pin	Other Rivet	Kyung Nam's Rivet
4 layers	4%	10%	18%	3%
6 layers	5%	15%	20%	2%
8 layers	8%	21%	24%	3%
Up to 10 layers	13%	23%	29%	5%

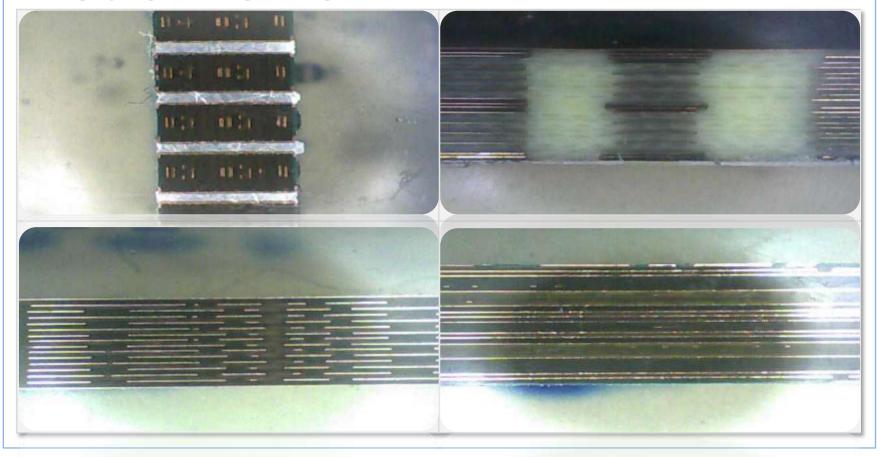
#### COMPARATIVE LAMINATION ROCESSING RESULT

▶Using other Rivet

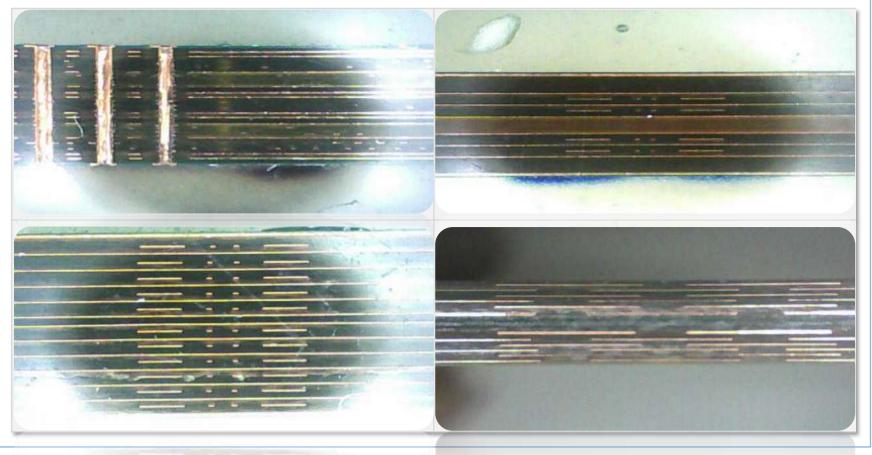




### I. LAMINATION CROSS SECTION (Show result of stabilization processing)



### II. LAMINATION CROSS SECTION (Show result of stabilization processing)



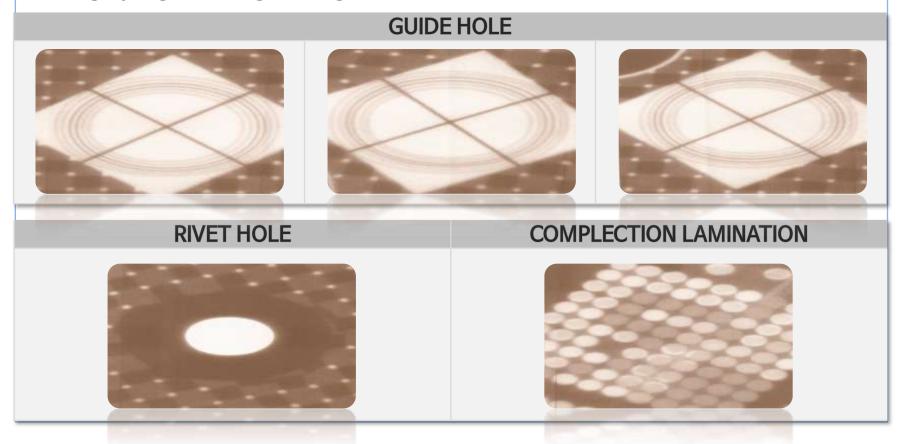
# III. LAMINATION CROSS SECTION (After hot press processing)

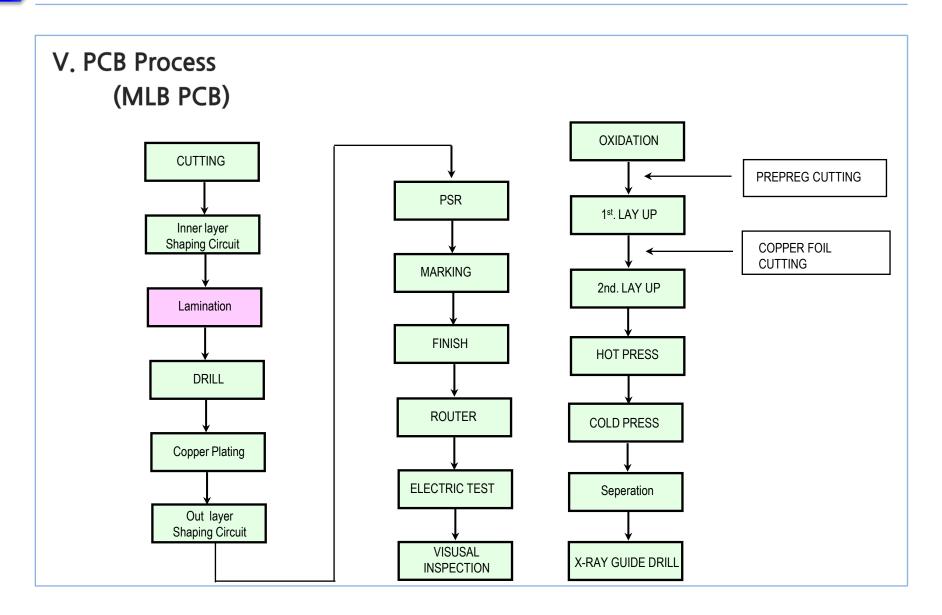
► Using Kyung Nam Engineering's Rivet

To fix a rivet to the circuit board with melting EPOXY

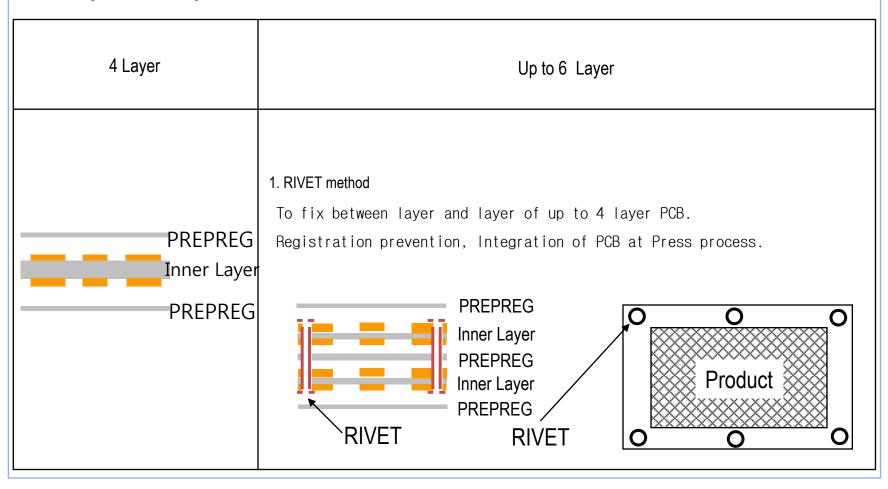


# IV. COMPLECTION LAMINATION WORK (Guide and Rivet hole X-Ray picture)



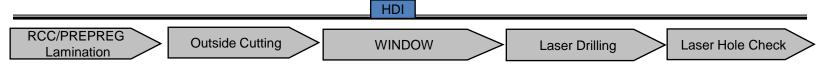


# VI. LAY - UP Process (MLB PCB)

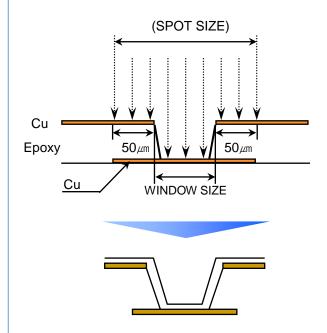


# **VII. DRILL Process** (MLB PCB) DRILL **Outside Cutting Guide Drilling** Drilling **Drilling Check Taping** Drill Bit Grade Class-A Class-B Class-C

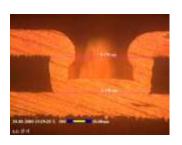
# VII. LASER DRILL Process (MLB PCB)

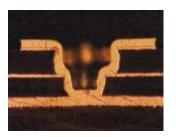


#### 7. LASER DRILL Process (Conformal method)



### 8. Micro via Hole Type





< SBL >

< MBL >





#### 실용신안등록증

등 복 제 0267678 호

송성 선호 속 20013-0030524 호 송 전 점 2001년 13年 20점 당 주 원 2002년 02월 27점

고만의 명칭 피시비기환의 휴가공장치

실용신안편자 백행열(591228-1002057)

정기 안양시 만안구 석수2등 417-3 현실아파트 114등 304호

고 안 차 백명열(591228-1002067)

경기 안양시 만만구 석수2동 417~3 한신아파트 114동 304호

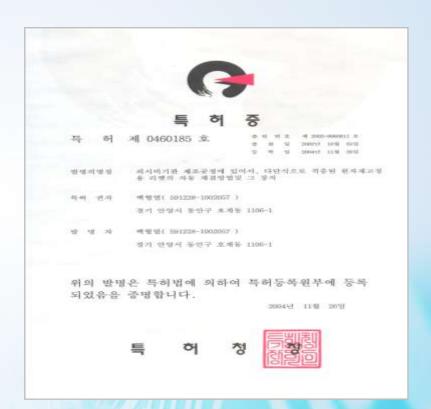
위의 고안은 실용신안법에 의하여 실용신안등록 원부에 등록되었음을 증명합니다.

2002년 02월 27일

허



에 실용성인권은 원용산안법 제외조에 여자 원용산안병 제고조제2함에 되면 등록부가관권을 받던 아니면 정부에도 이 실용산안권의 원해의 등에 대하여 그 관리를 행시할 수 있습니다.





We promise we will be your reliable partner with our original technology and experience.

Thank you for being with us!

-CEO Mr. Baek-



# KYUNG NAM PRECISION Co.

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