

(19) (KR)
(12) (B1)

(21) 10-2002-0070908 (65) 10-2004-0042956
(22) 2002 11 14 (43) 2004 05 22

(73) 416

(72) 1 114 2101

1 79-22

8 (801-848) 823 1402

326-103

(74)

1

(54)

1 2 가

, , , , 1 , , 2 , 1

2a

, FPC,

1
2a
,

2b 2a
3 2
4 3
5 2

1 2

FPC

*

200 : FPC 210 :
215 : 1 220 :
225 : 2 230 :
*

*

,

,

,

[1]

(: nH)

Y1	36.8
Y2	21.0
M1	38.1
M2	22.9
C1	35.0
C2	21.3

1 (215) (210) (250) 1 (252)
 . , 1 (215) (210) (250) 1 (252)
 . (256)
 2 (225) (220) (250) 2 (254)
 (230) (250)
 1 2 (252, 254) 1 2 (215, 225) (215, 225) (lead)
 1 (210)
 (256) 1 (215) 가 , 가 (210)
 (Y1-P)(210) (256) (220) FPC(200) (210) (220) (210) (250)
 . , (210), (220) (Dimple) (230)
 3 2a , 1 2 , 3 4 , (220) 2 (225) 1 (215) , 4 3
 3) (225) (A) 1 1 (215) 1 2 1 (215) 1 (215) , , A 2
 (215) , , 2 , (225) 1 2 1 (215) 1 (215) 2 1
 , 1 2 (215, 225) , , (d) 30 μ m ~ 500 μ m (d)
 , 254) , (,) , FPC(200) 1 2b , (250) 2a FPC(200) 1 2 (252)
 , , 1 2 (250, 254) 2 (252, 254) (250) FET 1 2 (254)
 (256) 1 2 1 2 FPC(200) 1 (252, 254) 1 (256) FPC(200) 1 2 1 2
 FPC(200) , (250) 가 (250) FPC(200) 가
 (, Y1-P)(210) 가 , (, Y1-G)(220) (, FPC(200) , Y1 1 2 (225)
 (250) (256) Y1 Y (250) 1
 5 2 , FPC(200) 1 (250) FPC(200) 1 2 (215, 225) 가 , R_H (250) 1 2 (252, 2
 54) (V_P)(210) FET on 가 , , (256) (256)
 , , (250) (GND)(220) FPC(200) [1] 가
 1

$$Z = R + \omega L + \frac{1}{\omega C}$$

[1] , Z (Z) , R [R_1 1] R_4 (R), , L L_1 L_2 (C) , C
 , (Z) 가 FPC(200) (250)

[(Z) 2] 2 (250) (L) **가**
FPC(200)

[2]

	(: nH)
Y1	5.9
Y2	14.9
M1	14.1
M2	16.6
C1	11.4
C2	13.8

[2] , 'Y' '2' (yellow), 'C' (250) 1 (magenta), 'C' 2 (cyan)
, Y1 (Y1-P) M1, M2, C1 C2 , Y2 (Y2-P)
) (Y2-G)

[2] , , 1 (215) , 2 (225) 1 (215) (A) 2 (225) (width)(a)
, , , FPC(200) (d) , 1 2 (215, 225) 5.9nH , 16.
6nH (d)
FET 1 2 (215, 225) 가 FPC(200) (250)

, [2] 1 2 (215, 225) 1 2 (d) 가 1 2 (215, 225)
, 1 2 (d) 2 FPC(200) 1 2 (250) 1 (d) 1 2 (215, 225)
, 1 2 (d) 2 FPC(200) 가 1 2 (215, 225) 1 (d) 1 2 (215, 225)
225) , (d) (d) 가 , , , ,
, FPC(200) 가 (d) (250) 1 2 (256) (25)
6) 1 2 (256) 가 , , , ,
,

가

가

(57)

1.

;

1 , 1

;

2 , 2

,

1 2

2 1

2.

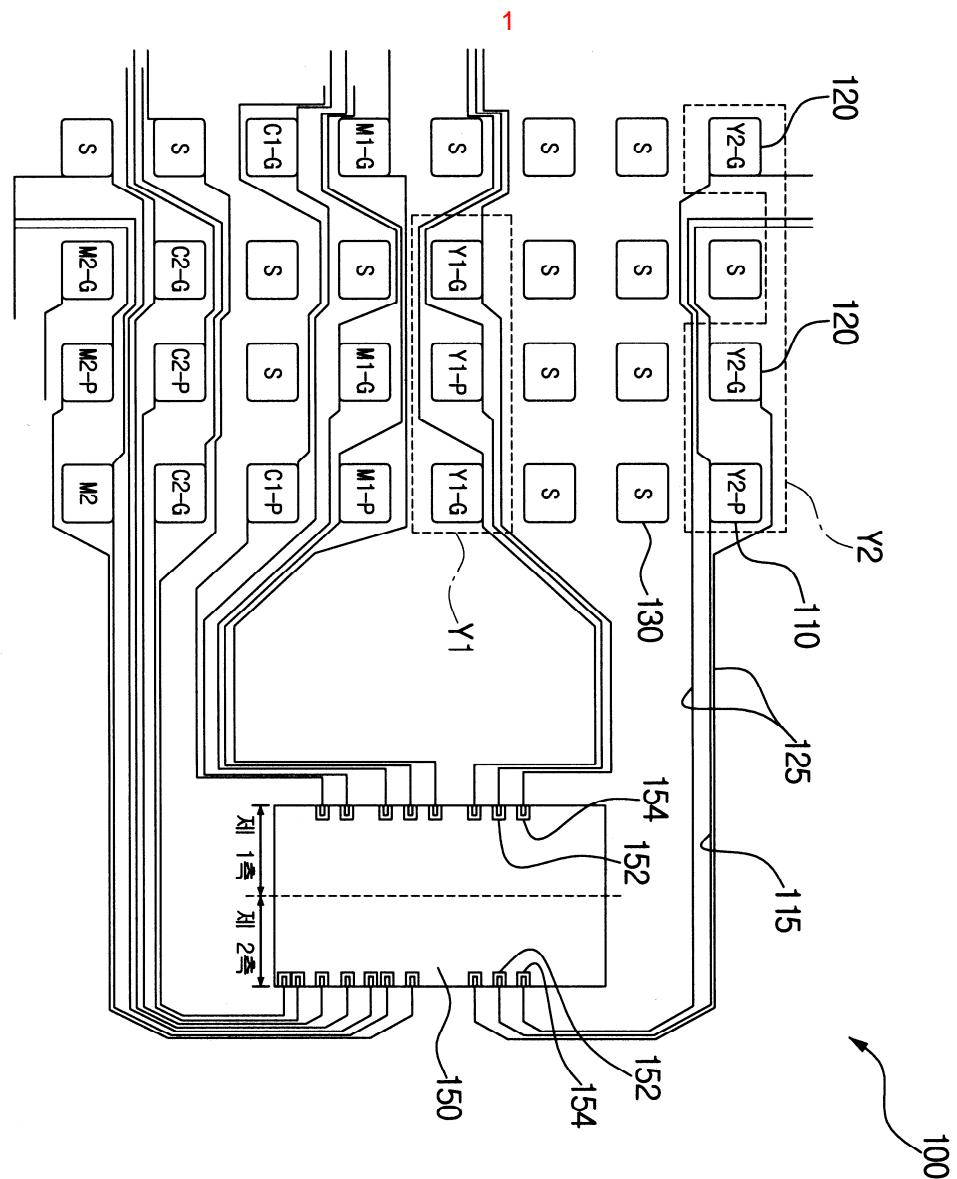
1 , 30μm ~ 300μm

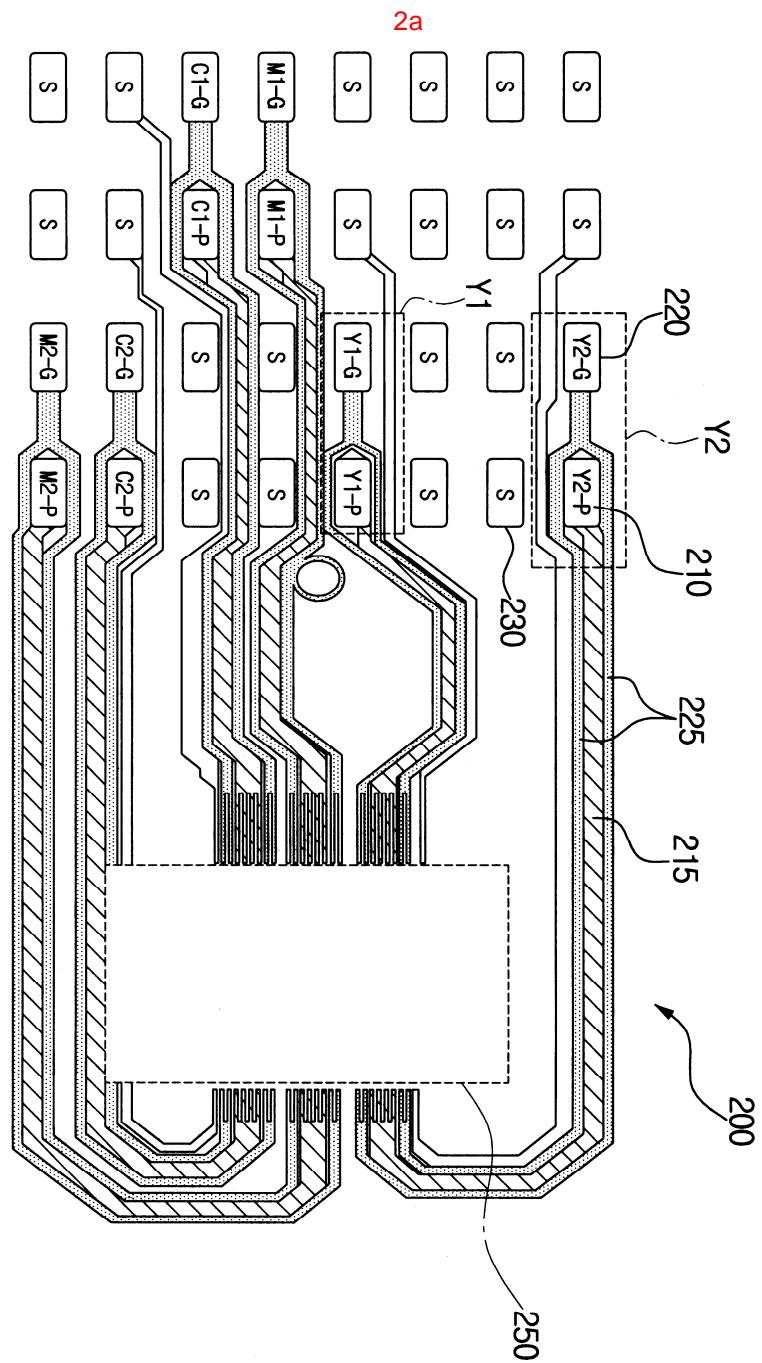
3.

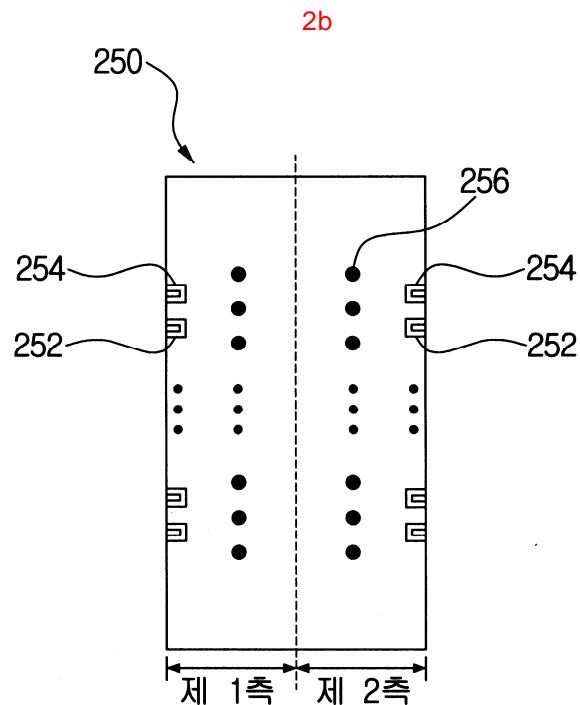
1 , 1 2 가 , 1 가 1 2 1 1 2

4.

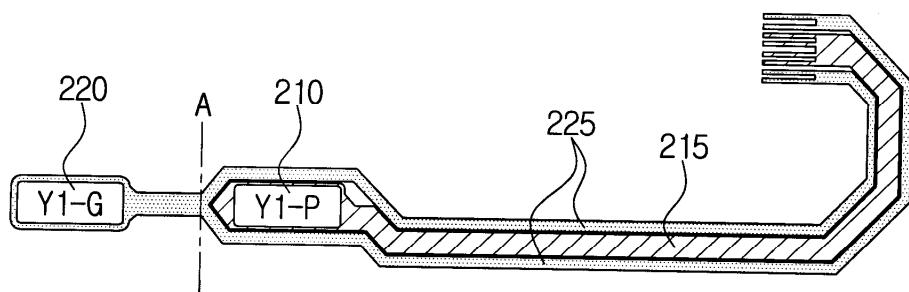
1 , 1 2 1 2







3



4

