

2002 - 0010367  
2002 02 04

[illegible]

- 1 -

1a , 1b 2

2a 2c

3a 3c

4a 4c

- -

101,102,103;

1; 1 1a,2a,3a,10a; 1

1b,2b,3a,10b; 2 1c,2c,3c;

2; 2 3; 3

4; 10;

20; 31,32,33; 1,2,3

40;

, (Stack)

가

가

가

(100')

가

5,323,060

1a

(10')가  
(1')

1

(10')  
(2')

2

1 (1')

1

(1') 2 (2')  
 , 1 (1') 가 (4')  
 , 1 (31') (10')  
 가 (2c')가 2 (32')  
 (10')  
 , (4')  
 , (4') 1 (1') (1c') 1 (31')  
 (31')가 , (31')가 가 2 (2') (4')  
 8mil 가 , (31') 6mil  
 가 가  
 , (4') 1b 2  
 (2') (2c') (10') (c') (32')  
 2 (2') 가 (Bounding) 가 8mil  
 (c') 2 (2') (2c')  
 , (32') 2 (2') 가  
 , (2')  
 가 ,  
 1b h' , cl'  
 , (4') 1 (1') 2 (2') 가 (4') 가  
 (1',2') , (1',2') (Crack)  
 ,  
 ,  
 ,  
 1 2 ; 가 1  
 1 2 , 2 가 2  
 1 2 ; 1 2  
 2 1 1 2  
 ; 1 ,  
 1 ; 2  
 2

(硬性)

.

, 1 2 가 .

, , .

, 2 2 가 , 3 3 .

, .

2 가

.

, 1 2 ; 2 , 1 2 1 2 ; 2 1 ; 1 2 ; 1 2 ; 2 가 2 ;

, 1 2 ; 2 , 1 2 1 2 ; 2 1 ; 1 2 ; 2 가 2 ;

, 1 2 , (硬性) , 가 1,2 , , 2 , .

, 가 1,2 , .

, 가 가

가 가

.

2a 2c (101,102,103) .

1 (10a) 2 (10b) (10)가 (10)

(10) 2 (10b) 1 (1a) 2 (1b) 2 (1b) 가  
(1c)가 1 (1)

1 (2a) 1 (2a) 2 (2b) 2 (2b) (2c)가  
1 (2a) 1 (1) 2 (1b) 2 (2) .

1 (1) 2 (1b) (1c) (20)가  
(20) 1 (1) 2 (1b) 2 (2) 1 (1a)

(20) (20) (硬性) (20)  
(20) 1,2 (1,2) 가

가

(20) 4~10mil 가  
(20) 1 (1) (1c) 1 (31)

1 (31)

6mil 가 (20)

1,2 (1,2) (20) (4)  
(4) 1mil 가

2 (2) 2 (2b) (2c) (20a)가  
(20a) 3 (3) 3 (3) 1 (3a)

2 (3b) 가 1 (3a) (20)

1 (1) (1c) (10), 2 (2) (2c)  
(10) / 3 (3) (3c) (10) (31,32,33)

1,2 3 (31,32,33) 1,2 3 (1,2,3) (1c,2c,3c)  
(10)

(10) 2 (10b) 1 (1), 2 (2), 1 (31),  
(32) / 3 (3) 3 (33)

(40)

3a 3c (101)

1 (10a) 2 (10b)  
(10)

가, (10) 2 (10b) 1 (1a) 2 (1b), 2 (1b)  
 (1c)가 1 (1) .

, 1 (1) (1c) (10) 1 (31)  
 .( 3a )

, 1 (1) (1c) 2 (1b) (20) .(  
 3b )

, (20) 1 (31) .

(20) , , ,  
 (4) .

, (20) , 1 (2a) 2 (2b), 2 (2b)  
 (2c)가 2 (2) .

2 (2) (2c) (10) 2 (32)  
 .( 3c )

, 2 (2) 2 (2b) (20), (20)  
 3 ., 3 3  
 .( )

, (10) 2 (10b) 1,2 (1,2) 1,2 (31,32)(  
 / 3 3 )  
 (40) .( )

4a 4c (101) .

, 1 (10a) 2 (10b), ,  
 (10) .

, (10) 2 (10b) 1 (1a) 2 (1b), 2 (1b)  
 가 (1c)가 1 (1) .

, 1 (1) (1c) 2 (1b) (20) .(  
 4a )

, (20) 1 (31) .

(20) , , ,  
 (4) .

, 1 (1) (1c) (10) 1 (31)  
 .( 4b )

, (20) , 1 (2a) 2 (2b), 2 (2b)  
 (2c)가 2 (2) .

$2$  (2) (2c) (10)  $2$  (32)  
 $\cdot$  (4c)  
 $2$  (2)  $2$  (2b)  $3$   
 $\cdot$  ( )  $3$   
 $2$  (10)  $2$  (10b)  $1,2$  (1,2)  $1,2$  (31,32)(  
 $3$  (40)  $3$  ( )  
 $\cdot$  ( )

가 가 .

,

$1$   $2$   
 $2$  (硬性) , 가 , 가  
 $2$  , 가 .  
 $2$  ,  
 $2$  가 ,  
 $2$  가 .  
 $2$  가  
 $2$  가 .

(57)

1.  
 $1$   $2$  ;  
 $2$  ,  $1$   $2$  ,  $2$  가  
 $1$  ;  
 $1$   $2$  ,  $2$  가 ,  $1$   $1$   
 $2$   $2$  ;  
 $1$   $2$   $1$   
 $1$   $2$  ;  
 $1$  ,  
 $1$  ;  
 $2$   $2$   
 .  
 2.

1 , (硬性) .

3.

1 , 1 2 가 .

4.

1 3 , , .

5.

1 , 2 2 , .

6.

1 5 , 2 .

7.

1 2 ;  
2 , 1 2 , 2 가 1 ;

1 1 ;

1 2 ;

, 1 2 , 2 가 2 .

8.

1 2 ;  
2 , 1 2 , 2 가 1 ;

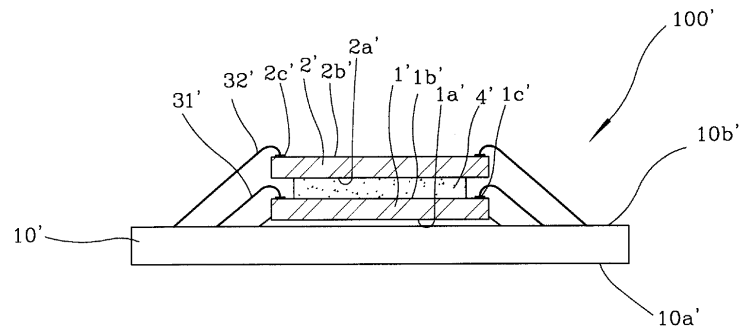
1 2 ;

1 1 ;

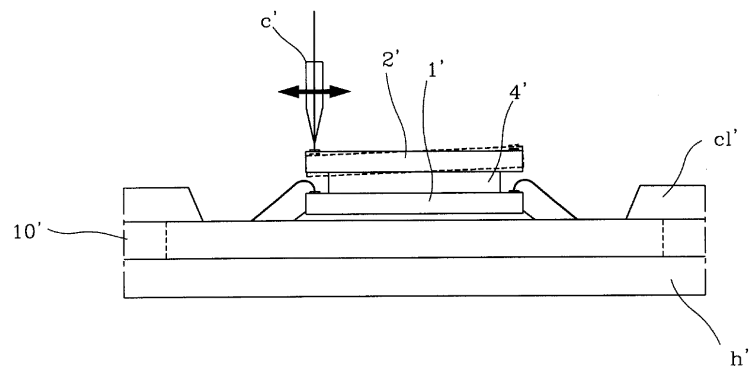
, 1 2 , 2 가 2 .



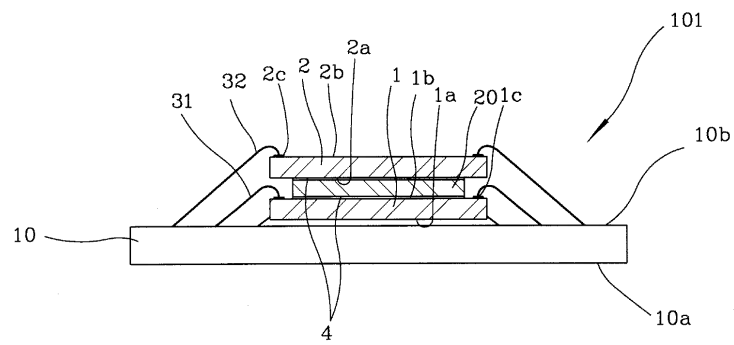
1a



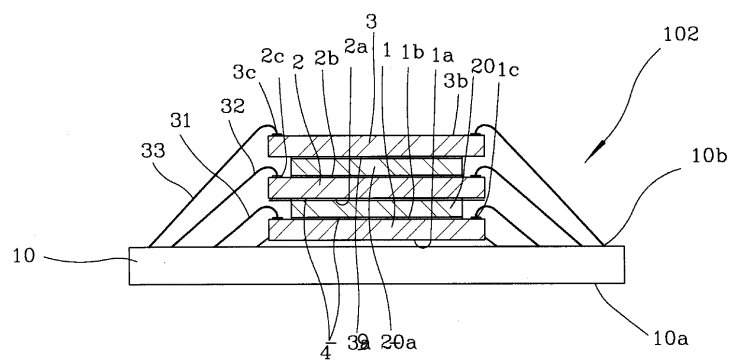
1b



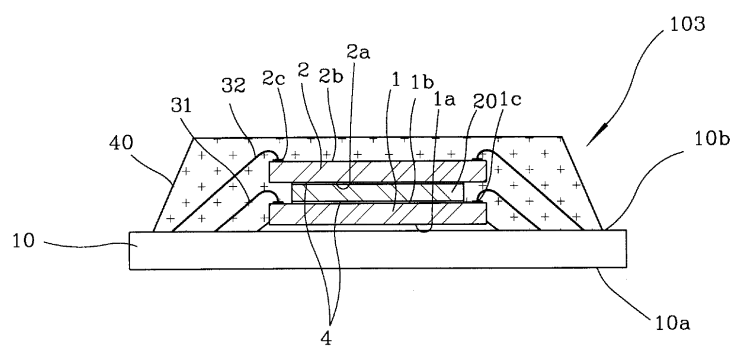
2a



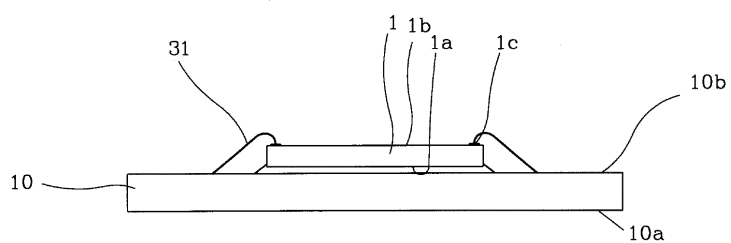
2b



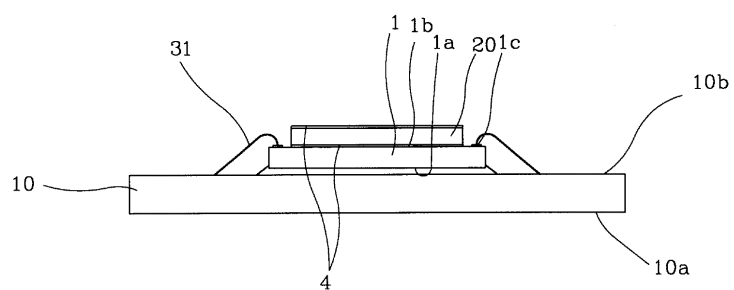
2c



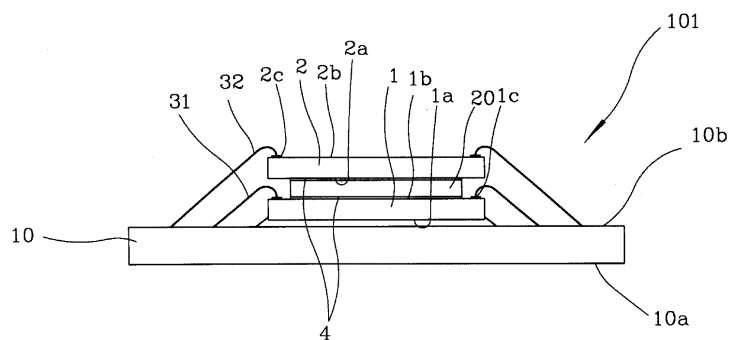
3a



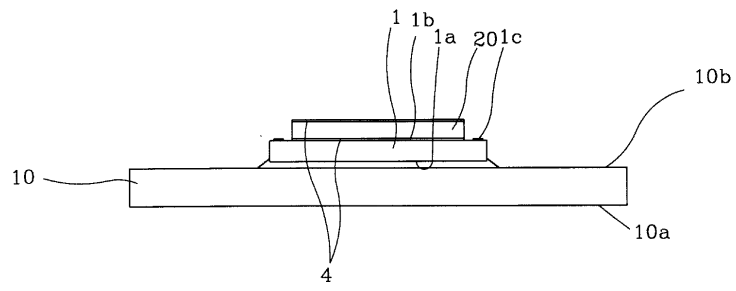
3b



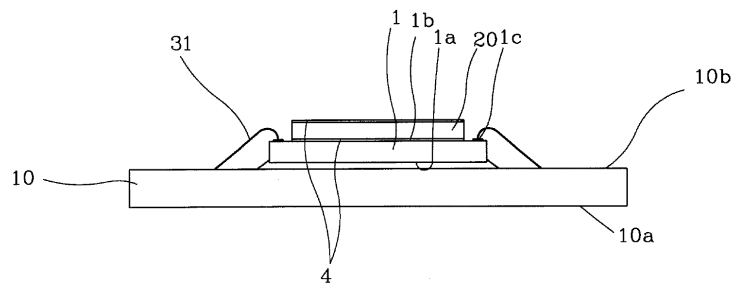
3c



4a



4b



4c

