

(19) (12) (KR) (A)

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G02F 1/13357 (43) 2005 02 07

(21) 10-2003-0052688
(22) 2003 07 30

(71) 416

(72) 4 3 2 402

474 301

(74)

⋮
(54)

가
2 가 , 1 1 2 가 . , 2 가 2
2 . , 2 .

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1 1 .

2 1 A .

3 1 B-B .

4 3 C .

5	2	.
6	3	.
7	5 D-D	.
8	4	.
9	7 E-E	.

2 , 2 1 1 .

(Liquid Crystal, LC)

가 (back light assembly)

(Tape carrier package, 'TCP' .)

(Thin Film Transistor substrate, , TFT), (color fi

lter substrate) . TFT 1 , 1

2 .

TCP TCP

1 , 2 1 2 2 1

가 2

1 2 2 2 1

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가

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1 (800) (100), (200), (300) (700)

(100) (110), (120), TCP(130)

(110) TFT (112), (114) (116) (300)

가 , 1 TFT (112) TFT 2 (112) 1

(120) (122) (124) ()

(110)

(122) TFT (112) 1

(124) TFT (112) 2

(124) 1 2

(126) (126)

1 2 ()

TCP(130) TCP(132) TCP(134) TCP(132) (110) TCP(134)

(122) 가 T

(110) (124) (300)

CP(134) (124) (300)

TCP(132) TCP(134) (136) IC(137)

IC(137) (136) (136) (110)

(136) IC(137), (120) ()

2 1 A

1 2 , (200) 1 (210), 2 (220) (230) ,
 (120) .

1 (210) 1 (212), (214) (216) ,
 (124) 1 .

1 (212) 1 , (124) 2 1 2
 .

(214) 1 (212) 2 (220) 2 (220)
 .

(216) 1 (212) (214) (216) (216)
 (214) (216) (124) .

2 (220) 2 (222) (224) .

2 (222) 1 , 2 1 2
 .

(224) 2 (222) (214) (214)
 (224) (214) .

(230) 2 (220) 2 (220) .

3 1 B-B . 4 3 C .

1 3 , (300) 1 (400), 2 (500) (600)
 .

1 (400) (410), (420) .

(410) (410) , , (410) ,
 (410) (413)가 .

(420) (410) (410) (410) (420) .
 (410) 2 (500)가 .

2 (500) , (510) (510)
 (520) (510) (520) . (

600) (100) .

3 4 , (510) (530) (540)가
 .

(530) (510) (124) 2 (126)
 , (124) 가

(540) 2 (220) 2 (500) (510)
 (124) 1 . , (540) (540)

1 (210) 2 (220) (124) 2 (220) 1 (210)
 , (200) .

1 3 , (600) (610), (620), (630) (640)

2 (500) (510) (610) (610) (620)
, (620) (630)가 , (620) (640)가

(620) 2 (500)
(610) (620) (630)

(630) (3 , 632), (632) (632) ((634) (362) (

620) (636) (634) (632) (634) (362)

0) (610) (620) 2 (500) (510) (62

(640) (620) (620)
가 가 , , ,

(700) (110) 가 1 (400) (110)

2 (500) (124) 1
) (540) 2 (220)가 1 (210) (540)가 2 (220)가
1 1 (210) 가 (540)가 2 (220) (214) (540)가
(200) , 2 (500) (540)가

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5 2
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5 (545) (124) (124)
(200)가 , (200) 1 (210) 2 (220) (124)
(124) 1 (210) 2 (220)가 (124)

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6 3 7 6 D-D
1 1 ,

6 7 , 2 (500) (510) (510)
(600) (520) (100) (510) (520)

(510) (530) (540)가

(530) (510) (124) 2 (126)
, (124) 가

(540) , (530) 2 (220)
 (540) 1 (210) 2 (540) (124) (220) 1 (210)
) (200)

(530) (124)
 (540) 2 (220)가 1 (210) (540)가 2 (220)
) 1 (210) 가 (540)가 2 (220) (214) (220)가
 1 (210) (540)가 2 (220) (500) (540)가
 (200)

4
 8 4 9 8 E-E
 , 1 가 1 1
 8 9 , 1 (400) (410), (420)

(410) (124) (410) (4
 30), (440) (450)가

(430) (410) (124)
 (124) 2 (126) (430) (124) (124)
 , (430) (124)
 (440) (410) 2 (220)가
 (440) (124)

(450) (430) (430) ((430)
 450) (440) 2 (220) (124) (200)
 , (450) (460)가

(420) (410) (410)
 (410) (410) (420)
 2 (500)가

2 (500) (510) (510)
 (520) (510) (520) ((600)
 (100)

1 (400) (124)
) (440) 2 (220)가 1 (210) (440)가 2 (220)
 1 (210) 가 (440)가 2 (220) (214) (220)가
 1 (210)

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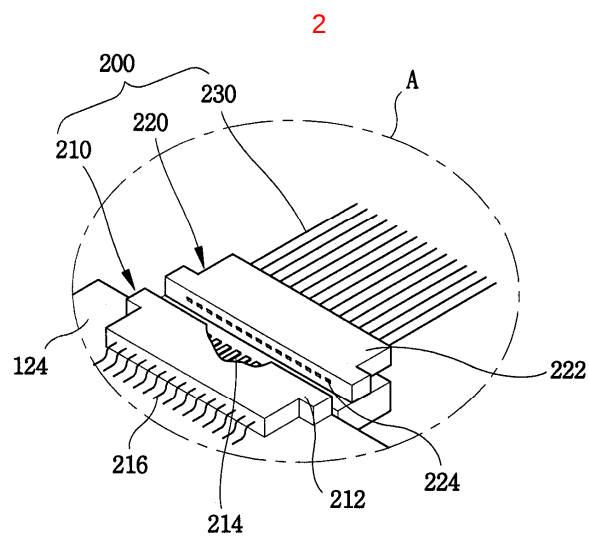
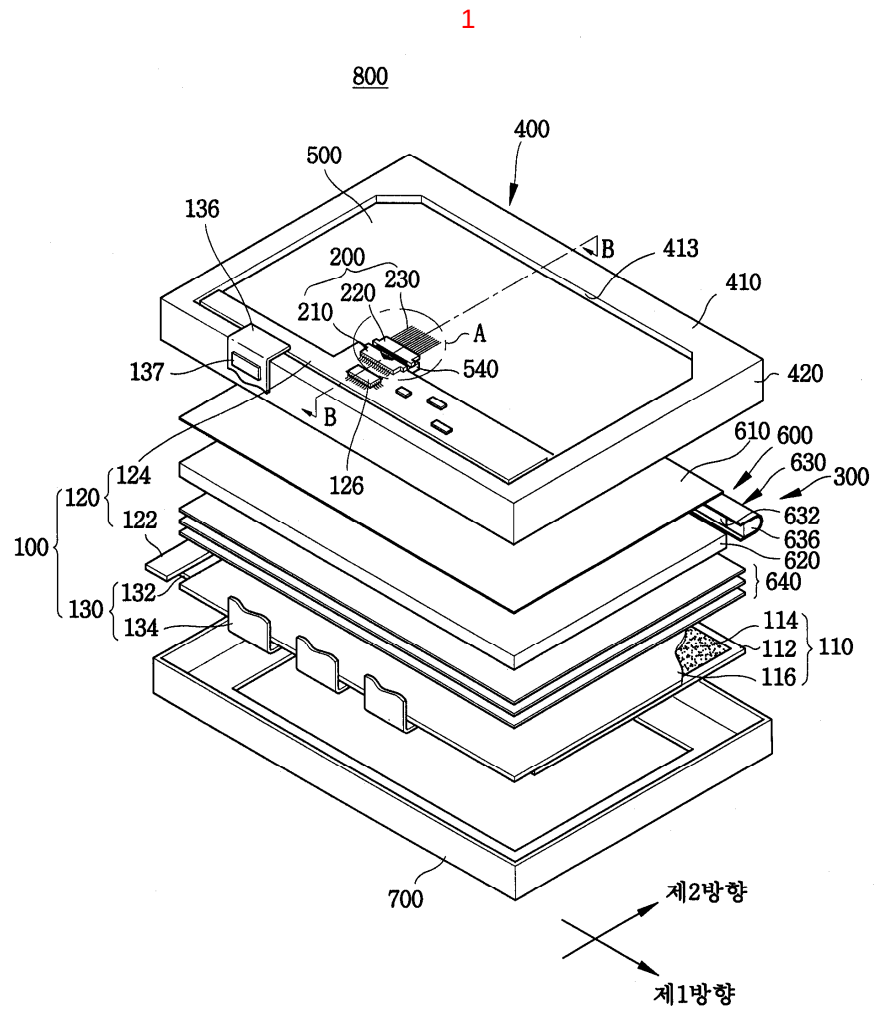
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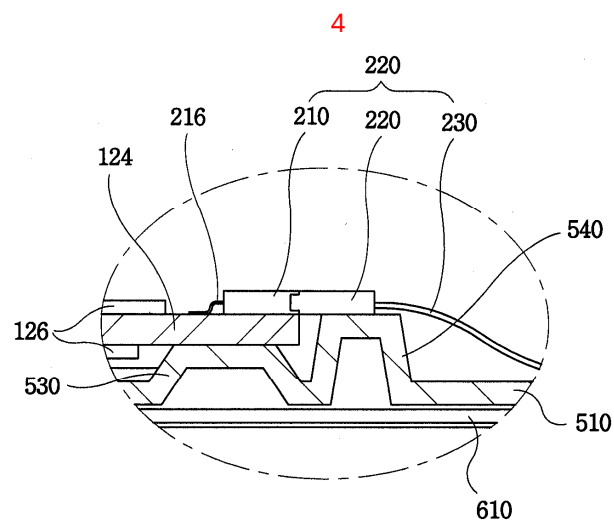
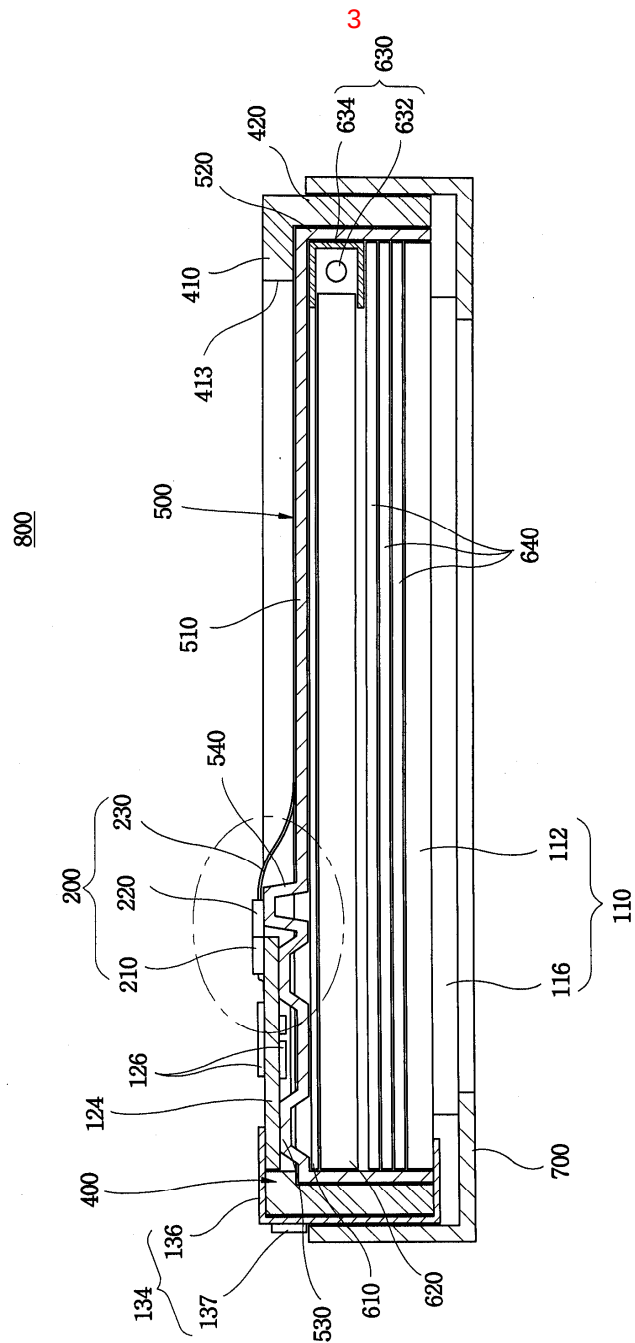
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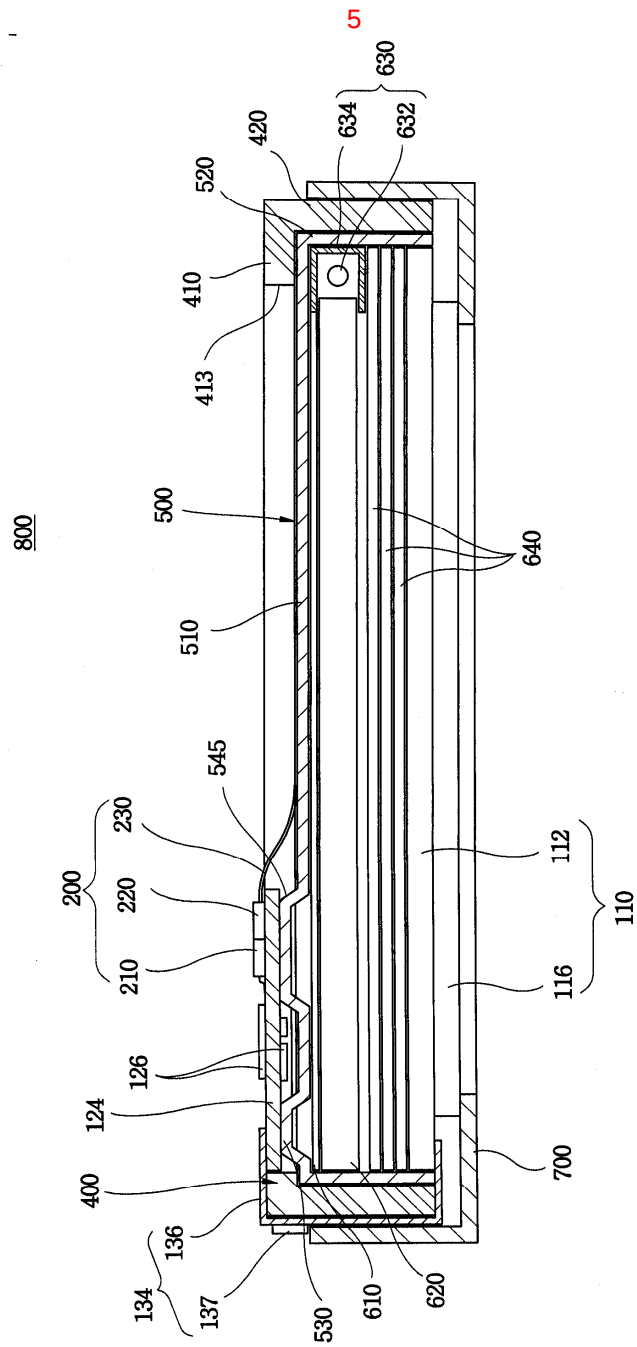
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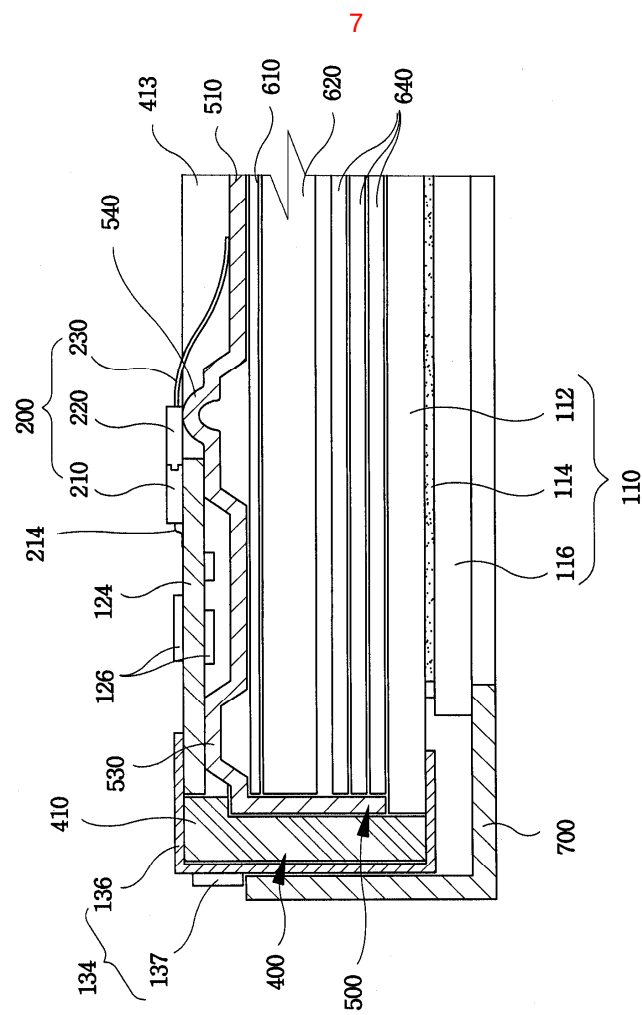
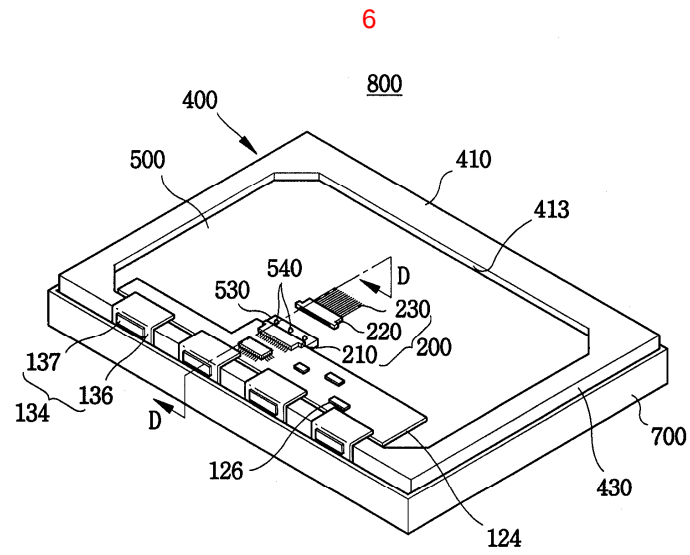
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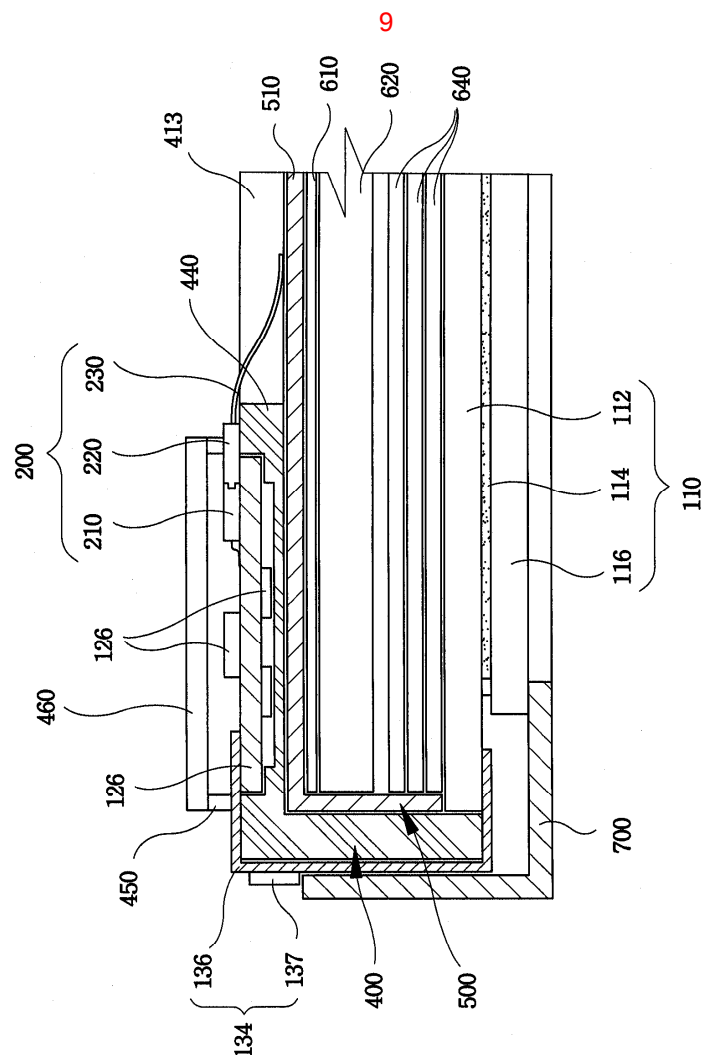
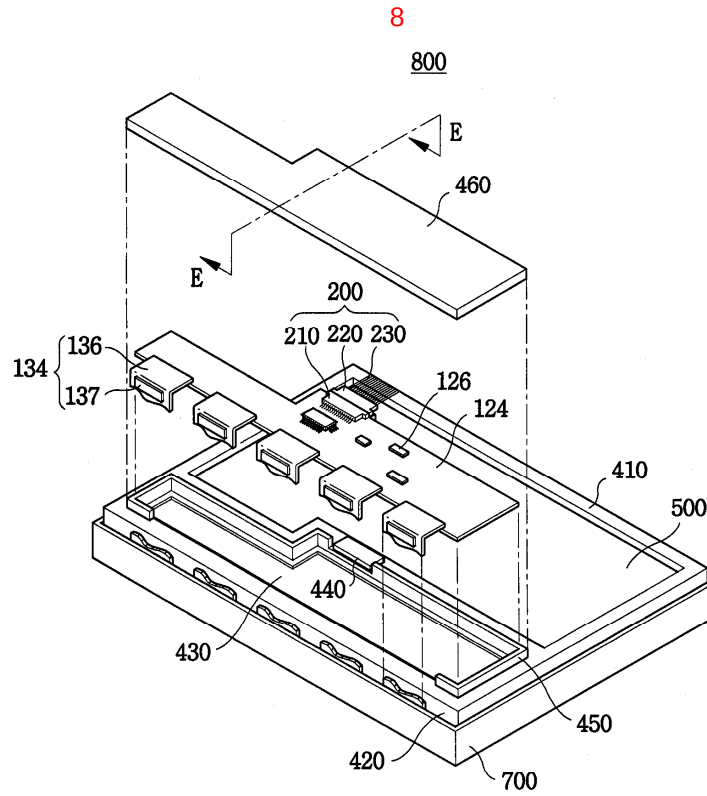
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专利名称(译)	液晶显示器		
公开(公告)号	KR1020050014187A	公开(公告)日	2005-02-07
申请号	KR1020030052688	申请日	2003-07-30
[标]申请(专利权)人(译)	三星电子株式会社		
申请(专利权)人(译)	三星电子有限公司		
当前申请(专利权)人(译)	三星电子有限公司		
[标]发明人	KO KYUNGROK 고경록 PARK JONGDAE 박종대		
发明人	고경록 박종대		
IPC分类号	G02F1/13357		
代理人(译)	PARK , YOUNG WOO		
其他公开文献	KR100953425B1		
外部链接	Espacenet		

摘要(译)

公开了一种用于防止连接器的紧固故障的液晶显示器。它突出到诸如驱动电路部分的一侧的高度，其中安装有源印刷电路板的背光组件安装有第一连接器，其中第二连接器布置在后侧中的部分。支持第二个连接器。然后，可以防止第二连接器和第一连接器的紧固故障。它可以防止从插入第二连接器的接口引脚添加到第二连接器的压力被破坏。液晶显示器，连接器，连接器支撑，紧固故障。

