2010-11-04 11:17:58 鄭雅菁[Doris], 台中廠國外業務部歐洲課專員 (w060007)

0.5mm Contact Spacing, ZIF Type Board To FPC Connectors
Slide SMT Type

EFC-PT24 SERIES (SU/SD)

■ FEATURES

- 0.5 mm contact spacing.
- No. of contacts : 4~60 pin.
- Connector Heights : 2.0 mm.
- Available in tube or embossed type for automatic mounting.

● SPECIFICATIONS

1. ELECTRICAL

- Voltage rating : 50V (per contact)
- Current rating : 0.5A (per contact)
- Dielectric Withstanding Voltage:250VAC RMS
- Contact resistance : 20 mΩ max.(initial)
  40 mΩ max.(final)
- Insulation resistance : 100 MΩ min.
- Accommodated FFC/FPC Thickness : 0.30mm
- Operating Temp.: -40℃~+85℃
- Storage Temp.: -20℃~+65℃

2.MECHANICAL

- Durability : Mate & Unmate with applicability for 20 times, Contact resistance: 40 mΩ max.
- Operating force (Slider): 0.05kgf*n(0.49N*n) max. (n : Pin)
- Cable holding force:0.03 kgf*n(0.294N*n) min. (n : Pin)
- Contact retention force: 0.1 kgf (0.98N) min.

● MATERIALS

1. MATERIAL

- Contacts：Copper Alloy
- Hold Down：Copper Alloy
- Insulator Housing：High Temp. Thermoplastic
- Slide：High Temp. Thermoplastic

2. PLATING

Contact:

- Nickel In All Area
- Tin over Nickel (RoHS Compliant)
- Tin & Au over Nickel (RoHS Compliant)
- Au over Nickel (RoHS Compliant)

Hold Down:

- Tin over Nickel (RoHS Compliant)
- Flash Au over Nickel (RoHS Compliant)

● PACKING

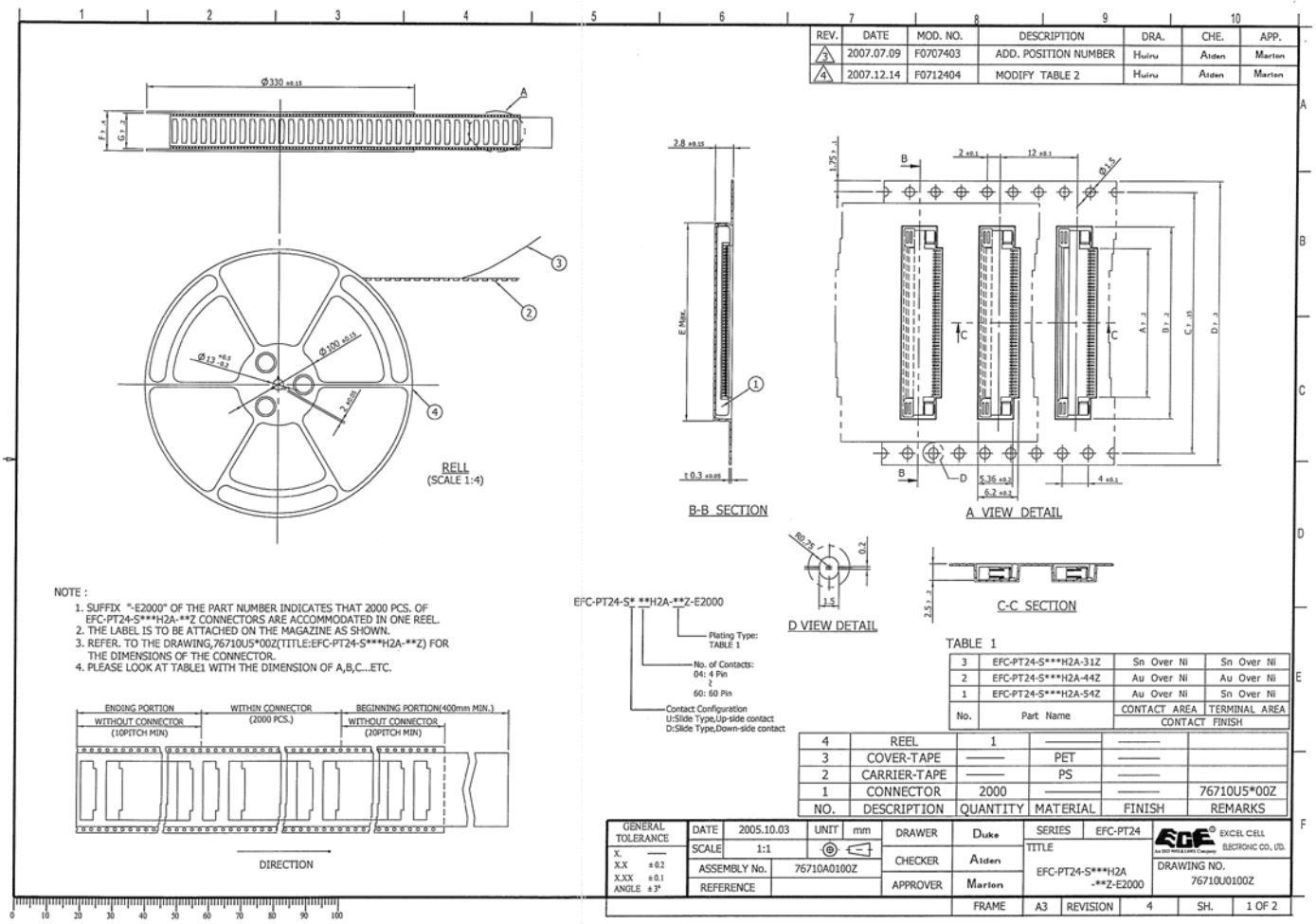
1. Packing method

1-1. All connector are packed in tube or reel method.

2. Information on label (stuck to each ploy bag, reel and box)
(1)Part No. (2) Section. (3) Lot No. (4) Quantity.
(5) QC stamp. (6) Reprocess No. (7) ECE mark.

● **DRAWING** Main dimensions：see attached drawing.

Title Block.Lifecycle Phase:Approval Title Block.品號(Number):CN36231XXXXXXXXXXXX00 Rev:0002


REV. DATE MOD. NO. DESCRIPTION DRA. CHE. APP.
3 2007.07.09 F0707403 ADD. POSITION NUMBER Huiru Alden Marten
4 2007.12.14 F0712404 MODIFY TABLE 2 Huiru Alden Marten
REEL
(SCALE 1:4)
B-B SECTION
A VIEW DETAIL
D VIEW DETAIL
C-C SECTION
NOTE :
1. SUFFIX "-E2000" OF THE PART NUMBER INDICATES THAT 2000 PCS. OF EFC-PT24-S***H2A-**Z CONNECTORS ARE ACCOMMODATED IN ONE REEL.
2. THE LABEL IS TO BE ATTACHED ON THE MAGAZINE AS SHOWN.
3. REFER. TO THE DRAWING,76710U5*00Z(TITLE:EFC-PT24-S***H2A-**Z) FOR THE DIMENSIONS OF THE CONNECTOR.
4. PLEASE LOOK AT TABLE1 WITH THE DIMENSION OF A,B,C...ETC.
EFC-PT24-S* **H2A-**Z-E2000
Plating Type: TABLE 1
No. of Contacts: 04: 4 Pin ... 60: 60 Pin
Contact Configuration U:Slide Type,Up-side contact D:Slide Type,Down-side contact
ENDING PORTION WITHOUT CONNECTOR (10PITCH MIN)
WITHIN CONNECTOR (2000 PCS.)
BEGINNING PORTION(400mm MIN.) WITHOUT CONNECTOR (10PITCH MIN)
DIRECTION
TABLE 1
3 EFC-PT24-S***H2A-31Z Sn Over Ni Sn Over Ni
2 EFC-PT24-S***H2A-44Z Au Over Ni Au Over Ni
1 EFC-PT24-S***H2A-54Z Au Over Ni Sn Over Ni
No. Part Name CONTACT AREA CONTACT FINISH TERMINAL AREA
4 REEL 1
3 COVER-TAPE PET
2 CARRIER-TAPE PS
1 CONNECTOR 2000 76710U5*00Z
NO. DESCRIPTION QUANTITY MATERIAL FINISH REMARKS
GENERAL TOLERANCE
X ——
X.X ±0.2
X.XX ±0.1
ANGLE ±3°
DATE 2005.10.03 UNIT mm
SCALE 1:1
ASSEMBLY No. 76710A0100Z
REFERENCE
DRAWER Duke
CHECKER Alden
APPROVER Marten
SERIES EFC-PT24
TITLE EFC-PT24-S***H2A -**Z-E2000
EXCEL CELL ELECTRONIC CO., LTD.
DRAWING NO. 76710U0100Z
FRAME A3 REVISION 4 SH. 1 OF 2

REV.	DATE	MOD. NO.	DESCRIPTION	DRA.	CHE.	APP.
3	2007.07.09	F0707403	ADD. POSITION NUMBER	Huiru	Alden	Marten
4	2007.12.14	F0712404	MODIFY TABLE 2	Huiru	Alden	Marten

TABLE 2 4

NO.	PART NAME	PART NUMBER	A	B	C	D	E	F	G
4	EFC-PT24-S*04H2A-31Z-E2000	767100*04310Z	2.8	9.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*04H2A-44Z-E2000	767100*04440Z							
	EFC-PT24-S*04H2A-54Z-E2000	767100*04540Z							
5	EFC-PT24-S*05H2A-31Z-E2000	767100*05310Z	2.8	9.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*05H2A-44Z-E2000	767100*05440Z							
	EFC-PT24-S*05H2A-54Z-E2000	767100*05540Z							
6	EFC-PT24-S*06H2A-31Z-E2000	767100*06310Z	3.8	10.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*06H2A-44Z-E2000	767100*06440Z							
	EFC-PT24-S*06H2A-54Z-E2000	767100*06540Z							
7	EFC-PT24-S*07H2A-31Z-E2000	767100*07310Z	3.8	10.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*07H2A-44Z-E2000	767100*07440Z							
	EFC-PT24-S*07H2A-54Z-E2000	767100*07540Z							
8	EFC-PT24-S*08H2A-31Z-E2000	767100*08310Z	4.8	11.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*08H2A-44Z-E2000	767100*08440Z							
	EFC-PT24-S*08H2A-54Z-E2000	767100*08540Z							
9	EFC-PT24-S*09H2A-31Z-E2000	767100*09310Z	4.8	11.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*09H2A-44Z-E2000	767100*09440Z							
	EFC-PT24-S*09H2A-54Z-E2000	767100*09540Z							
10	EFC-PT24-S*10H2A-31Z-E2000	767100*10310Z	5.8	12.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*10H2A-44Z-E2000	767100*10440Z							
	EFC-PT24-S*10H2A-54Z-E2000	767100*10540Z							
11	EFC-PT24-S*11H2A-31Z-E2000	767100*11310Z	5.8	12.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*11H2A-44Z-E2000	767100*11440Z							
	EFC-PT24-S*11H2A-54Z-E2000	767100*11540Z							
12	EFC-PT24-S*12H2A-31Z-E2000	767100*12310Z	6.8	13.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*12H2A-44Z-E2000	767100*12440Z							
	EFC-PT24-S*12H2A-54Z-E2000	767100*12540Z							
13	EFC-PT24-S*13H2A-31Z-E2000	767100*13310Z	6.8	13.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*13H2A-44Z-E2000	767100*13440Z							
	EFC-PT24-S*13H2A-54Z-E2000	767100*13540Z							
14	EFC-PT24-S*14H2A-31Z-E2000	767100*14310Z	7.8	14.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*14H2A-44Z-E2000	767100*14440Z							
	EFC-PT24-S*14H2A-54Z-E2000	767100*14540Z							
15	EFC-PT24-S*15H2A-31Z-E2000	767100*15310Z	7.8	14.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*15H2A-44Z-E2000	767100*15440Z							
	EFC-PT24-S*15H2A-54Z-E2000	767100*15540Z							
16	EFC-PT24-S*16H2A-31Z-E2000	767100*16310Z	8.8	15.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*16H2A-44Z-E2000	767100*16440Z							
	EFC-PT24-S*16H2A-54Z-E2000	767100*16540Z							
17	EFC-PT24-S*17H2A-31Z-E2000	767100*17310Z	8.8	15.6	——	24	20.1	29.5	24.5
	EFC-PT24-S*17H2A-44Z-E2000	767100*17440Z							
	EFC-PT24-S*17H2A-54Z-E2000	767100*17540Z							
18	EFC-PT24-S*18H2A-31Z-E2000	767100*18310Z	9.8	16.6	28.4	32	23	37.5	32.5
	EFC-PT24-S*18H2A-44Z-E2000	767100*18440Z							
	EFC-PT24-S*18H2A-54Z-E2000	767100*18540Z							
19	EFC-PT24-S*19H2A-31Z-E2000	767100*19310Z	9.8	16.6	28.4	32	23	37.5	32.5
	EFC-PT24-S*19H2A-44Z-E2000	767100*19440Z							
	EFC-PT24-S*19H2A-54Z-E2000	767100*19540Z							
20	EFC-PT24-S*20H2A-31Z-E2000	767100*20310Z	10.8	17.6	28.4	32	23	37.5	32.5
	EFC-PT24-S*20H2A-44Z-E2000	767100*20440Z							
	EFC-PT24-S*20H2A-54Z-E2000	767100*20540Z							
21	EFC-PT24-S*21H2A-31Z-E2000	767100*21310Z	10.8	17.6	28.4	32	23	37.5	32.5
	EFC-PT24-S*21H2A-44Z-E2000	767100*21440Z							
	EFC-PT24-S*21H2A-54Z-E2000	767100*21540Z							
22	EFC-PT24-S*22H2A-31Z-E2000	767100*22310Z	11.8	18.6	28.4	32	23	37.5	32.5
	EFC-PT24-S*22H2A-44Z-E2000	767100*22440Z							
	EFC-PT24-S*22H2A-54Z-E2000	767100*22540Z							

NO.	PART NAME	PART NUMBER	A	B	C	D	E	F	G
23	EFC-PT24-S*23H2A-31Z-E2000	767100*23310Z	11.8	18.6	28.4	32	23	37.5	32.5
	EFC-PT24-S*23H2A-44Z-E2000	767100*23440Z							
	EFC-PT24-S*23H2A-54Z-E2000	767100*23540Z							
24	EFC-PT24-S*24H2A-31Z-E2000	767100*24310Z	12.8	19.6	28.4	32	23	37.5	32.5
	EFC-PT24-S*24H2A-44Z-E2000	767100*24440Z							
	EFC-PT24-S*24H2A-54Z-E2000	767100*24540Z							
25	EFC-PT24-S*25H2A-31Z-E2000	767100*25310Z	12.8	19.6	28.4	32	23	37.5	32.5
	EFC-PT24-S*25H2A-44Z-E2000	767100*25440Z							
	EFC-PT24-S*25H2A-54Z-E2000	767100*25540Z							
26	EFC-PT24-S*26H2A-31Z-E2000	767100*26310Z	13.8	20.6	28.4	32	23	37.5	32.5
	EFC-PT24-S*26H2A-44Z-E2000	767100*26440Z							
	EFC-PT24-S*26H2A-54Z-E2000	767100*26540Z							
27	EFC-PT24-S*27H2A-31Z-E2000	767100*27310Z	13.8	20.6	28.4	32	23	37.5	32.5
	EFC-PT24-S*27H2A-44Z-E2000	767100*27440Z							
	EFC-PT24-S*27H2A-54Z-E2000	767100*27540Z							
28	EFC-PT24-S*28H2A-31Z-E2000	767100*28310Z	14.8	21.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*28H2A-44Z-E2000	767100*28440Z							
	EFC-PT24-S*28H2A-54Z-E2000	767100*28540Z							
29	EFC-PT24-S*29H2A-31Z-E2000	767100*29310Z	14.8	21.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*29H2A-44Z-E2000	767100*29440Z							
	EFC-PT24-S*29H2A-54Z-E2000	767100*29540Z							
30	EFC-PT24-S*30H2A-31Z-E2000	767100*30310Z	15.8	22.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*30H2A-44Z-E2000	767100*30440Z							
	EFC-PT24-S*30H2A-54Z-E2000	767100*30540Z							
31	EFC-PT24-S*31H2A-31Z-E2000	767100*31310Z	15.8	22.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*31H2A-44Z-E2000	767100*31440Z							
	EFC-PT24-S*31H2A-54Z-E2000	767100*31540Z							
32	EFC-PT24-S*32H2A-31Z-E2000	767100*32310Z	16.8	23.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*32H2A-44Z-E2000	767100*32440Z							
	EFC-PT24-S*32H2A-54Z-E2000	767100*32540Z							
33	EFC-PT24-S*33H2A-31Z-E2000	767100*33310Z	16.8	23.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*33H2A-44Z-E2000	767100*33440Z							
	EFC-PT24-S*33H2A-54Z-E2000	767100*33540Z							
34	EFC-PT24-S*34H2A-31Z-E2000	767100*34310Z	17.8	24.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*34H2A-44Z-E2000	767100*34440Z							
	EFC-PT24-S*34H2A-54Z-E2000	767100*34540Z							
35	EFC-PT24-S*35H2A-31Z-E2000	767100*35310Z	17.8	24.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*35H2A-44Z-E2000	767100*35440Z							
	EFC-PT24-S*35H2A-54Z-E2000	767100*35540Z							
36	EFC-PT24-S*36H2A-31Z-E2000	767100*36310Z	18.8	25.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*36H2A-44Z-E2000	767100*36440Z							
	EFC-PT24-S*36H2A-54Z-E2000	767100*36540Z							
37	EFC-PT24-S*37H2A-31Z-E2000	767100*37310Z	18.8	25.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*37H2A-44Z-E2000	767100*37440Z							
	EFC-PT24-S*37H2A-54Z-E2000	767100*37540Z							
38	EFC-PT24-S*38H2A-31Z-E2000	767100*38310Z	19.8	26.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*38H2A-44Z-E2000	767100*38440Z							
	EFC-PT24-S*38H2A-54Z-E2000	767100*38540Z							
39	EFC-PT24-S*39H2A-31Z-E2000	767100*39310Z	19.8	26.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*39H2A-44Z-E2000	767100*39440Z							
	EFC-PT24-S*39H2A-54Z-E2000	767100*39540Z							
40	EFC-PT24-S*40H2A-31Z-E2000	767100*40310Z	20.8	27.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*40H2A-44Z-E2000	767100*40440Z							
	EFC-PT24-S*40H2A-54Z-E2000	767100*40540Z							
41	EFC-PT24-S*41H2A-31Z-E2000	767100*41310Z	20.8	27.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*41H2A-44Z-E2000	767100*41440Z							
	EFC-PT24-S*41H2A-54Z-E2000	767100*41540Z							

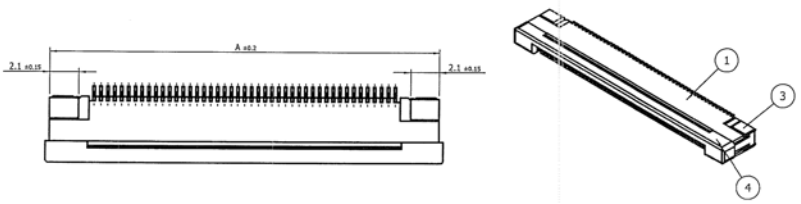
NO.	PART NAME	PART NUMBER	A	B	C	D	E	F	G
42	EFC-PT24-S*42H2A-31Z-E2000	767100*42310Z	21.8	28.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*42H2A-44Z-E2000	767100*42440Z							
	EFC-PT24-S*42H2A-54Z-E2000	767100*42540Z							
43	EFC-PT24-S*43H2A-31Z-E2000	767100*43310Z	21.8	28.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*43H2A-44Z-E2000	767100*43440Z							
	EFC-PT24-S*43H2A-54Z-E2000	767100*43540Z							
44	EFC-PT24-S*44H2A-31Z-E2000	767100*44310Z	22.8	29.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*44H2A-44Z-E2000	767100*44440Z							
	EFC-PT24-S*44H2A-54Z-E2000	767100*44540Z							
45	EFC-PT24-S*45H2A-31Z-E2000	767100*45310Z	22.8	29.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*45H2A-44Z-E2000	767100*45440Z							
	EFC-PT24-S*45H2A-54Z-E2000	767100*45540Z							
46	EFC-PT24-S*46H2A-31Z-E2000	767100*46310Z	23.8	30.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*46H2A-44Z-E2000	767100*46440Z							
	EFC-PT24-S*46H2A-54Z-E2000	767100*46540Z							
47	EFC-PT24-S*47H2A-31Z-E2000	767100*47310Z	23.8	30.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*47H2A-44Z-E2000	767100*47440Z							
	EFC-PT24-S*47H2A-54Z-E2000	767100*47540Z							
48	EFC-PT24-S*48H2A-31Z-E2000	767100*48310Z	24.8	31.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*48H2A-44Z-E2000	767100*48440Z							
	EFC-PT24-S*48H2A-54Z-E2000	767100*48540Z							
49	EFC-PT24-S*49H2A-31Z-E2000	767100*49310Z	24.8	31.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*49H2A-44Z-E2000	767100*49440Z							
	EFC-PT24-S*49H2A-54Z-E2000	767100*49540Z							
50	EFC-PT24-S*50H2A-31Z-E2000	767100*50310Z	25.8	32.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*50H2A-44Z-E2000	767100*50440Z							
	EFC-PT24-S*50H2A-54Z-E2000	767100*50540Z							
51	EFC-PT24-S*51H2A-31Z-E2000	767100*51310Z	25.8	32.6	40.4	44	35	49.5	44.5
	EFC-PT24-S*51H2A-44Z-E2000	767100*51440Z							
	EFC-PT24-S*51H2A-54Z-E2000	767100*51540Z							
52	EFC-PT24-S*52H2A-31Z-E2000	767100*52310Z	26.8	33.6	52.4	56	46	61.5	56.5
	EFC-PT24-S*52H2A-44Z-E2000	767100*52440Z							
	EFC-PT24-S*52H2A-54Z-E2000	767100*52540Z							
53	EFC-PT24-S*53H2A-31Z-E2000	767100*53310Z	26.8	33.6	52.4	56	46	61.5	56.5
	EFC-PT24-S*53H2A-44Z-E2000	767100*53440Z							
	EFC-PT24-S*53H2A-54Z-E2000	767100*53540Z							
54	EFC-PT24-S*54H2A-31Z-E2000	767100*54310Z	27.8	34.6	52.4	56	46	61.5	56.5
	EFC-PT24-S*54H2A-44Z-E2000	767100*54440Z							
	EFC-PT24-S*54H2A-54Z-E2000	767100*54540Z							
55	EFC-PT24-S*55H2A-31Z-E2000	767100*55310Z	27.8	34.6	52.4	56	46	61.5	56.5
	EFC-PT24-S*55H2A-44Z-E2000	767100*55440Z							
	EFC-PT24-S*55H2A-54Z-E2000	767100*55540Z							
56	EFC-PT24-S*56H2A-31Z-E2000	767100*56310Z	28.8	35.6	52.4	56	46	61.5	56.5
	EFC-PT24-S*56H2A-44Z-E2000	767100*56440Z							
	EFC-PT24-S*56H2A-54Z-E2000	767100*56540Z							
57	EFC-PT24-S*57H2A-31Z-E2000	767100*57310Z	28.8	35.6	52.4	56	46	61.5	56.5
	EFC-PT24-S*57H2A-44Z-E2000	767100*57440Z							
	EFC-PT24-S*57H2A-54Z-E2000	767100*57540Z							
58	EFC-PT24-S*58H2A-31Z-E2000	767100*58310Z	29.8	36.6	52.4	56	46	61.5	56.5
	EFC-PT24-S*58H2A-44Z-E2000	767100*58440Z							
	EFC-PT24-S*58H2A-54Z-E2000	767100*58540Z							
59	EFC-PT24-S*59H2A-31Z-E2000	767100*59310Z	29.8	36.6	52.4	56	46	61.5	56.5
	EFC-PT24-S*59H2A-44Z-E2000	767100*59440Z							
	EFC-PT24-S*59H2A-54Z-E2000	767100*59540Z							
60	EFC-PT24-S*60H2A-31Z-E2000	767100*60310Z	30.8	37.6	52.4	56	46	61.5	56.5
	EFC-PT24-S*60H2A-44Z-E2000	767100*60440Z							
	EFC-PT24-S*60H2A-54Z-E2000	767100*60540Z							

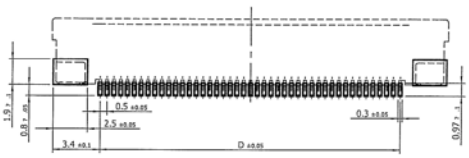
NOTE:

	*	*
PART NAME	U	D
PART NUMBER	1	2

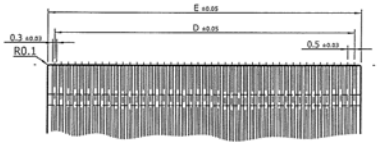
GENERAL TOLERANCE		DATE	2005.10.03	UNIT	mm	DRAWER	Duke	SERIES	EFC-PT24	EXCEL CELL ELECTRONIC CO., LTD.
X.	——	SCALE	1:1			CHECKER	Alden	TITLE	EFC-PT24-S***H2A -**Z-E2000	
X.X	± 0.2	ASSEMBLY No.	76710A0100Z			APPROVER	Marten			DRAWING NO. 76710U0100Z
X.XX	± 0.1	REFERENCE								
ANGLE	± 3°					FRAME	A3	REVISION	4	SH. 2 OF 2

REV.	DATE	MOD. NO.	DESCRIPTION	DRA.	CHE.	APP.
5	2008.08.14	F0808401	MODIFY TABLE2	Huiru	Alden	Marlon
6	2008.10.13	F0810406	ADD. NOTE	Huiru	Alden	Marlon



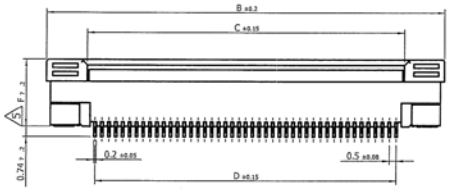


PCB LAYOUT (REF.)

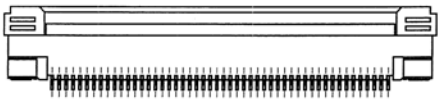


$0.3^{+0.05}_{-0.02}$THICK

APPLICABLE FPC (REF.)



6 NOTE: 4~49 CONNECTORS



6 NOTE: 50~60 CONNECTORS

TABLE 1

No.	Part Name	CONTACT AREA	TERMINAL AREA
		CONTACT FINISH	
3	EFC-PT24-SD**H2A-31Z	Sn Over Ni	Sn Over Ni
2	EFC-PT24-SD**H2A-44Z	Au Over Ni	Au Over Ni
1	EFC-PT24-SD**H2A-54Z	Au Over Ni	Sn Over Ni

NO.	Description	Quantity	Material	Finish	Remark
4	SLIDER	1	THERMOPLASTIC HIGH-TEMP	———	
3	HOLD DOWN	2	COPPER ALLOY	Sn OVER NICKEL	
2	CONTACT	TABLE 2	COPPER ALLOY	TABLE 1	
1	INSULATOR	1	THERMOPLASTIC HIGH-TEMP	———	

GENERAL TOLERANCE									
X. —— X.X ± 0.2 X.XX ± 0.1 ANGLE ± 3°	DATE	2005.09.02	UNIT	mm	DRAWER	Duke	SERIES	EFC-PT24	EXCEL CELL ELECTRONIC CO., LTD.
	SCALE	4:1			CHECKER	Alden	TITLE	EFC-PT24-SD**H2A-**Z	
	ASSEMBLY No.	76710A5200Z			APPROVER	Marlon	DRAWING NO.	76710U5200Z	
	REFERENCE						FRAME	A3	REVISION 6 SH. 1 OF 2

REV.	DATE	MOD. NO.	DESCRIPTION	DRA.	CHE.	APP.
5	2008.08.14	F0808401	MODIFY TABLE2	Huiru	Alden	Marlon
6	2008.10.13	F0810406	ADD. NOTE	Huiru	Alden	Marlon

TABLE 2 5

NO.	PART NAME	PART NUMBER	A	B	C	D	E	F
4	EFC-PT24-SD04H2A-31Z	76710520431OZ	7.91	8.5	2.65	1.5	2.45	4.86
	EFC-PT24-SD04H2A-44Z	76710520444OZ						
	EFC-PT24-SD04H2A-54Z	76710520454OZ						
5	EFC-PT24-SD05H2A-31Z	76710520531OZ	8.41	9	3.15	2	2.95	4.86
	EFC-PT24-SD05H2A-44Z	76710520544OZ						
	EFC-PT24-SD05H2A-54Z	76710520554OZ						
6	EFC-PT24-SD06H2A-31Z	76710520631OZ	8.91	9.5	3.65	2.5	3.45	4.86
	EFC-PT24-SD06H2A-44Z	76710520644OZ						
	EFC-PT24-SD06H2A-54Z	76710520654OZ						
7	EFC-PT24-SD07H2A-31Z	76710520731OZ	9.41	10	4.15	3	3.95	4.86
	EFC-PT24-SD07H2A-44Z	76710520744OZ						
	EFC-PT24-SD07H2A-54Z	76710520754OZ						
8	EFC-PT24-SD08H2A-31Z	76710520831OZ	9.91	10.5	4.65	3.5	4.45	4.86
	EFC-PT24-SD08H2A-44Z	76710520844OZ						
	EFC-PT24-SD08H2A-54Z	76710520854OZ						
9	EFC-PT24-SD09H2A-31Z	76710520931OZ	10.41	11	5.15	4	4.95	4.86
	EFC-PT24-SD09H2A-44Z	76710520944OZ						
	EFC-PT24-SD09H2A-54Z	76710520954OZ						
10	EFC-PT24-SD10H2A-31Z	76710521031OZ	10.91	11.5	5.65	4.5	5.45	4.86
	EFC-PT24-SD10H2A-44Z	76710521044OZ						
	EFC-PT24-SD10H2A-54Z	76710521054OZ						
11	EFC-PT24-SD11H2A-31Z	76710521131OZ	11.41	12	6.15	5	5.95	4.86
	EFC-PT24-SD11H2A-44Z	76710521144OZ						
	EFC-PT24-SD11H2A-54Z	76710521154OZ						
12	EFC-PT24-SD12H2A-31Z	76710521231OZ	11.91	12.5	6.65	5.5	6.45	4.86
	EFC-PT24-SD12H2A-44Z	76710521244OZ						
	EFC-PT24-SD12H2A-54Z	76710521254OZ						
13	EFC-PT24-SD13H2A-31Z	76710521331OZ	12.41	13	7.15	6	6.95	4.86
	EFC-PT24-SD13H2A-44Z	76710521344OZ						
	EFC-PT24-SD13H2A-54Z	76710521354OZ						
14	EFC-PT24-SD14H2A-31Z	76710521431OZ	12.91	13.5	7.65	6.5	7.45	4.86
	EFC-PT24-SD14H2A-44Z	76710521444OZ						
	EFC-PT24-SD14H2A-54Z	76710521454OZ						
15	EFC-PT24-SD15H2A-31Z	76710521531OZ	13.41	14	8.15	7	7.95	4.86
	EFC-PT24-SD15H2A-44Z	76710521544OZ						
	EFC-PT24-SD15H2A-54Z	76710521554OZ						
16	EFC-PT24-SD16H2A-31Z	76710521631OZ	13.91	14.5	8.65	7.5	8.45	4.86
	EFC-PT24-SD16H2A-44Z	76710521644OZ						
	EFC-PT24-SD16H2A-54Z	76710521654OZ						
17	EFC-PT24-SD17H2A-31Z	76710521731OZ	14.41	15	9.15	8	8.95	4.86
	EFC-PT24-SD17H2A-44Z	76710521744OZ						
	EFC-PT24-SD17H2A-54Z	76710521754OZ						
18	EFC-PT24-SD18H2A-31Z	76710521831OZ	14.91	15.5	9.65	8.5	9.45	4.86
	EFC-PT24-SD18H2A-44Z	76710521844OZ						
	EFC-PT24-SD18H2A-54Z	76710521854OZ						
19	EFC-PT24-SD19H2A-31Z	76710521931OZ	15.41	16	10.15	9	9.95	4.86
	EFC-PT24-SD19H2A-44Z	76710521944OZ						
	EFC-PT24-SD19H2A-54Z	76710521954OZ						
20	EFC-PT24-SD20H2A-31Z	76710522031OZ	15.91	16.5	10.65	9.5	10.45	4.86
	EFC-PT24-SD20H2A-44Z	76710522044OZ						
	EFC-PT24-SD20H2A-54Z	76710522054OZ						

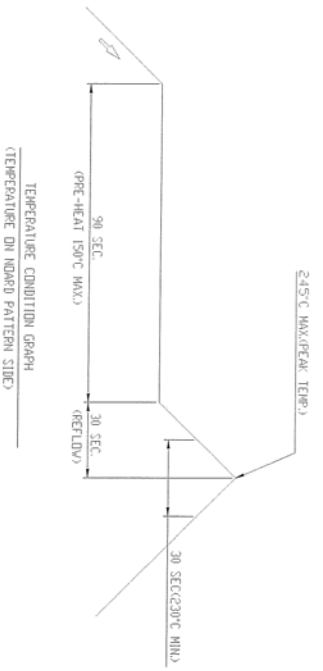
NO.	PART NAME	PART NUMBER	A	B	C	D	E	F
21	EFC-PT24-SD21H2A-31Z	76710522131OZ	16.41	17	11.15	10	10.95	4.86
	EFC-PT24-SD21H2A-44Z	76710522144OZ						
	EFC-PT24-SD21H2A-54Z	76710522154OZ						
22	EFC-PT24-SD22H2A-31Z	76710522231OZ	16.91	17.5	11.65	10.5	11.45	4.86
	EFC-PT24-SD22H2A-44Z	76710522244OZ						
	EFC-PT24-SD22H2A-54Z	76710522254OZ						
23	EFC-PT24-SD23H2A-31Z	76710522331OZ	17.41	18	12.15	11	11.95	4.86
	EFC-PT24-SD23H2A-44Z	76710522344OZ						
	EFC-PT24-SD23H2A-54Z	76710522354OZ						
24	EFC-PT24-SD24H2A-31Z	76710522431OZ	17.91	18.5	12.65	11.5	12.45	4.86
	EFC-PT24-SD24H2A-44Z	76710522444OZ						
	EFC-PT24-SD24H2A-54Z	76710522454OZ						
25	EFC-PT24-SD25H2A-31Z	76710522531OZ	18.41	19	13.15	12	12.95	4.86
	EFC-PT24-SD25H2A-44Z	76710522544OZ						
	EFC-PT24-SD25H2A-54Z	76710522554OZ						
26	EFC-PT24-SD26H2A-31Z	76710522631OZ	18.91	19.5	13.65	12.5	13.45	4.86
	EFC-PT24-SD26H2A-44Z	76710522644OZ						
	EFC-PT24-SD26H2A-54Z	76710522654OZ						
27	EFC-PT24-SD27H2A-31Z	76710522731OZ	19.41	20	14.15	13	13.95	4.86
	EFC-PT24-SD27H2A-44Z	76710522744OZ						
	EFC-PT24-SD27H2A-54Z	76710522754OZ						
28	EFC-PT24-SD28H2A-31Z	76710522831OZ	19.91	20.5	14.65	13.5	14.45	4.86
	EFC-PT24-SD28H2A-44Z	76710522844OZ						
	EFC-PT24-SD28H2A-54Z	76710522854OZ						
29	EFC-PT24-SD29H2A-31Z	76710522931OZ	20.41	21	15.15	14	14.95	4.86
	EFC-PT24-SD29H2A-44Z	76710522944OZ						
	EFC-PT24-SD29H2A-54Z	76710522954OZ						
30	EFC-PT24-SD30H2A-31Z	76710523031OZ	20.91	21.5	15.65	14.5	15.45	4.86
	EFC-PT24-SD30H2A-44Z	76710523044OZ						
	EFC-PT24-SD30H2A-54Z	76710523054OZ						
31	EFC-PT24-SD31H2A-31Z	76710523131OZ	21.41	22	16.15	15	15.95	4.86
	EFC-PT24-SD31H2A-44Z	76710523144OZ						
	EFC-PT24-SD31H2A-54Z	76710523154OZ						
32	EFC-PT24-SD32H2A-31Z	76710523231OZ	21.91	22.5	16.65	15.5	16.45	4.86
	EFC-PT24-SD32H2A-44Z	76710523244OZ						
	EFC-PT24-SD32H2A-54Z	76710523254OZ						
33	EFC-PT24-SD33H2A-31Z	76710523331OZ	22.41	23	17.15	16	16.95	4.86
	EFC-PT24-SD33H2A-44Z	76710523344OZ						
	EFC-PT24-SD33H2A-54Z	76710523354OZ						
34	EFC-PT24-SD34H2A-31Z	76710523431OZ	22.91	23.5	17.65	16.5	17.45	4.86
	EFC-PT24-SD34H2A-44Z	76710523444OZ						
	EFC-PT24-SD34H2A-54Z	76710523454OZ						
35	EFC-PT24-SD35H2A-31Z	76710523531OZ	23.41	24	18.15	17	17.95	4.86
	EFC-PT24-SD35H2A-44Z	76710523544OZ						
	EFC-PT24-SD35H2A-54Z	76710523554OZ						
36	EFC-PT24-SD36H2A-31Z	76710523631OZ	23.91	24.5	18.65	17.5	18.45	4.86
	EFC-PT24-SD36H2A-44Z	76710523644OZ						
	EFC-PT24-SD36H2A-54Z	76710523654OZ						
37	EFC-PT24-SD37H2A-31Z	76710523731OZ	24.41	25	19.15	18	18.95	4.86
	EFC-PT24-SD37H2A-44Z	76710523744OZ						
	EFC-PT24-SD37H2A-54Z	76710523754OZ						
38	EFC-PT24-SD38H2A-31Z	76710523831OZ	24.91	25.5	19.65	18.5	19.45	4.86
	EFC-PT24-SD38H2A-44Z	76710523844OZ						
	EFC-PT24-SD38H2A-54Z	76710523854OZ						
39	EFC-PT24-SD39H2A-31Z	76710523931OZ	25.41	26	20.15	19	19.95	4.86
	EFC-PT24-SD39H2A-44Z	76710523944OZ						
	EFC-PT24-SD39H2A-54Z	76710523954OZ						
40	EFC-PT24-SD40H2A-31Z	76710524031OZ	25.91	26.5	20.65	19.5	20.45	4.86
	EFC-PT24-SD40H2A-44Z	76710524044OZ						
	EFC-PT24-SD40H2A-54Z	76710524054OZ						

NO.	PART NAME	PART NUMBER	A	B	C	D	E	F
41	EFC-PT24-SD41H2A-31Z	76710524131OZ	26.41	27	21.15	20	20.95	4.86
	EFC-PT24-SD41H2A-44Z	76710524144OZ						
	EFC-PT24-SD41H2A-54Z	76710524154OZ						
42	EFC-PT24-SD42H2A-31Z	76710524231OZ	26.91	27.5	21.65	20.5	21.45	4.86
	EFC-PT24-SD42H2A-44Z	76710524244OZ						
	EFC-PT24-SD42H2A-54Z	76710524254OZ						
43	EFC-PT24-SD43H2A-31Z	76710524331OZ	27.41	28	22.15	21	21.95	4.86
	EFC-PT24-SD43H2A-44Z	76710524344OZ						
	EFC-PT24-SD43H2A-54Z	76710524354OZ						
44	EFC-PT24-SD44H2A-31Z	76710524431OZ	27.91	28.5	22.65	21.5	22.45	4.86
	EFC-PT24-SD44H2A-44Z	76710524444OZ						
	EFC-PT24-SD44H2A-54Z	76710524454OZ						
45	EFC-PT24-SD45H2A-31Z	76710524531OZ	28.41	29	23.15	22	22.95	4.86
	EFC-PT24-SD45H2A-44Z	76710524544OZ						
	EFC-PT24-SD45H2A-54Z	76710524554OZ						
46	EFC-PT24-SD46H2A-31Z	76710524631OZ	28.91	29.5	23.65	22.5	23.45	4.86
	EFC-PT24-SD46H2A-44Z	76710524644OZ						
	EFC-PT24-SD46H2A-54Z	76710524654OZ						
47	EFC-PT24-SD47H2A-31Z	76710524731OZ	29.41	30	24.15	23	23.95	4.86
	EFC-PT24-SD47H2A-44Z	76710524744OZ						
	EFC-PT24-SD47H2A-54Z	76710524754OZ						
48	EFC-PT24-SD48H2A-31Z	76710524831OZ	29.91	30.5	24.65	23.5	24.45	4.86
	EFC-PT24-SD48H2A-44Z	76710524844OZ						
	EFC-PT24-SD48H2A-54Z	76710524854OZ						
49	EFC-PT24-SD49H2A-31Z	76710524931OZ	30.41	31	25.15	24	24.95	4.86
	EFC-PT24-SD49H2A-44Z	76710524944OZ						
	EFC-PT24-SD49H2A-54Z	76710524954OZ						
50	EFC-PT24-SD50H2A-31Z	76710525031OZ	30.91	31.5	25.65	24.5	25.45	4.86
	EFC-PT24-SD50H2A-44Z	76710525044OZ						
	EFC-PT24-SD50H2A-54Z	76710525054OZ						
51	EFC-PT24-SD51H2A-31Z	76710525131OZ	31.41	32	26.15	25	25.95	5.36
	EFC-PT24-SD51H2A-44Z	76710525144OZ						
	EFC-PT24-SD51H2A-54Z	76710525154OZ						
52	EFC-PT24-SD52H2A-31Z	76710525231OZ	31.91	32.5	26.65	25.5	26.45	5.36
	EFC-PT24-SD52H2A-44Z	76710525244OZ						
	EFC-PT24-SD52H2A-54Z	76710525254OZ						
53	EFC-PT24-SD53H2A-31Z	76710525331OZ	32.41	33	27.15	26	26.95	5.36
	EFC-PT24-SD53H2A-44Z	76710525344OZ						
	EFC-PT24-SD53H2A-54Z	76710525354OZ						
54	EFC-PT24-SD54H2A-31Z	76710525431OZ	32.91	33.5	27.65	26.5	27.45	5.36
	EFC-PT24-SD54H2A-44Z	76710525444OZ						
	EFC-PT24-SD54H2A-54Z	76710525454OZ						
55	EFC-PT24-SD55H2A-31Z	76710525531OZ	33.41	34	28.15	27	27.95	5.36
	EFC-PT24-SD55H2A-44Z	76710525544OZ						
	EFC-PT24-SD55H2A-54Z	76710525554OZ						
56	EFC-PT24-SD56H2A-31Z	76710525631OZ	33.91	34.5	28.65	27.5	28.45	5.36
	EFC-PT24-SD56H2A-44Z	76710525644OZ						
	EFC-PT24-SD56H2A-54Z	76710525654OZ						
57	EFC-PT24-SD57H2A-31Z	76710525731OZ	34.41	35	29.15	28	28.95	5.36
	EFC-PT24-SD57H2A-44Z	76710525744OZ						
	EFC-PT24-SD57H2A-54Z	76710525754OZ						
58	EFC-PT24-SD58H2A-31Z	76710525831OZ	34.91	35.5	29.65	28.5	29.45	5.36
	EFC-PT24-SD58H2A-44Z	76710525844OZ						
	EFC-PT24-SD58H2A-54Z	76710525854OZ						
59	EFC-PT24-SD59H2A-31Z	76710525931OZ	35.41	36	30.15	29	29.95	5.36
	EFC-PT24-SD59H2A-44Z	76710525944OZ						
	EFC-PT24-SD59H2A-54Z	76710525954OZ						
60	EFC-PT24-SD60H2A-31Z	76710526031OZ	35.91	36.5	30.65	29.5	30.45	5.36
	EFC-PT24-SD60H2A-44Z	76710526044OZ						
	EFC-PT24-SD60H2A-54Z	76710526054OZ						

GENERAL TOLERANCE	DATE	2005.09.02	UNIT	mm	DRAWER	Duke
X —— X.X ± 0.2 X.XX ± 0.1 ANGLE ± 3°	SCALE	4:1			CHECKER	Alden
	ASSEMBLY No.	76710A5200Z			APPROVER	Marlon
	REFERENCE				FRAME	A3

SERIES	EFC-PT24	EXCEL CELL ELECTRONIC CO., LTD.	
TITLE	EFC-PT24-SD**H2A-**Z		
DRAWING NO.	76710U5200Z		
REVISION	6	SH.	2 OF 2

Infrared Reflow Conditions



TEMPERATURE CONDITION GRAPH
(TEMPERATURE ON HOARD PATTERN SIDE)