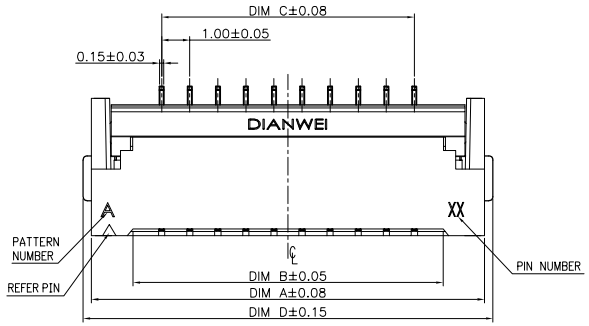
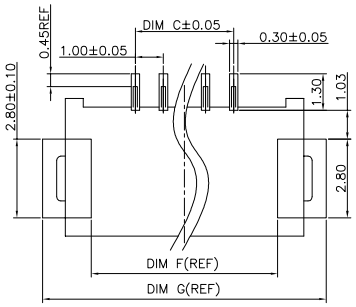
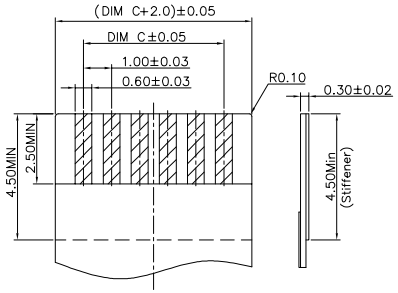
DRAWING TYPE	CUSTOMER DRAWING

MARK	DATE	DESCRIPTION	DESIGN
C	2015.08.31	CHANGE PART NUMBER	
D	2016.04.16	ADD PERFORMANCE	
E	2017.06.12	Change Plating Note	

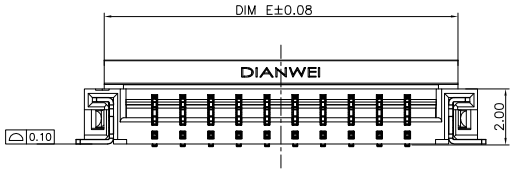


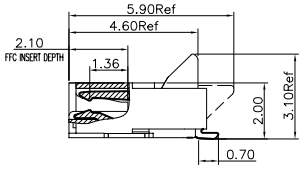


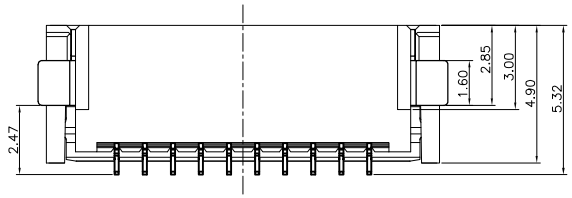
RECOMMENDED PCB LAYOUT

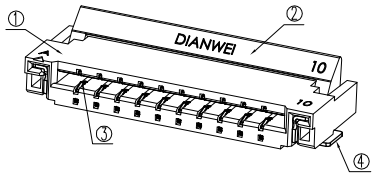


RECOMMENDED FFC/FPC









1. FPC NOT MATING CONDITION BANNED CLOSURE
2. PART NO. LEGEND:

8.04A0 . *** 2 0 0
① ② ③④⑤

①SERIES NAME:8.04A0=1.0MM FFC/FPC DUAL CONTACT SIDE CONNECTOR (H=2.0mm)
②.CONTACT PIN NUMBER:***=CONTACT PIN NUMBER
③.CONTACT AREA PLATING SPEC: GOLD PLATING: 2=1~3u";3=5u";4=10u";5=15u"
SOLDER AREA PLATING SPEC: GOLD PLATING: 2=1~3u";3=5u";4=10u";5=15u"
④.UNSPECIFIED:0=NONSENSE
⑤.UNSPECIFIED:0=NONSENSE

3. PERFORMANCE:
3.1: CURRENT RATING: 0.5A/PIN.
3.2: VOLTAGE RATING: 50V (AC/DC).
3.3: CONTACT RESISTANCE: INITIAL VALUE 30mOHM Max,
3.4: INSULATION RESISTANCE: 500MOHM Min.
3.5: DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR 1MINUTE;
3.6: DURABILITY: 20 TIMES Min.
3.7: OPERATING TEMPERATURE: -40℃ ~ +85℃
OPERATING HUMIDITY RANGE: 20% TO 85%

Pin No.	P/N	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
04	8.04A0.004200	8.00	5.05	3.00	8.60	6.60	6.40	9.60
05	8.04A0.005200	9.00	6.05	4.00	9.60	7.60	7.40	10.60
06	8.04A0.006200	10.00	7.05	5.00	10.60	8.60	8.40	11.60
07	8.04A0.007200	11.00	8.05	6.00	11.60	9.60	9.40	12.60
08	8.04A0.008200	12.00	9.05	7.00	12.60	10.60	10.40	13.60
09	8.04A0.009200	13.00	10.05	8.00	13.60	11.60	11.40	14.60
10	8.04A0.010200	14.00	11.05	9.00	14.60	12.60	12.40	15.60
11	8.04A0.011200	15.00	12.05	10.00	15.60	13.60	13.40	16.60
12	8.04A0.012200	16.00	13.05	11.00	16.60	14.60	14.40	17.60
13	8.04A0.013200	17.00	14.05	12.00	17.60	15.60	15.40	18.60
14	8.04A0.014200	18.00	15.05	13.00	18.60	16.60	16.40	19.60
15	8.04A0.015200	19.00	16.05	14.00	19.60	17.60	17.40	20.60
16	8.04A0.016200	20.00	17.05	15.00	20.60	18.60	18.40	21.60
17	8.04A0.017200	21.00	18.05	16.00	21.60	19.60	19.40	22.60
18	8.04A0.018200	22.00	19.05	17.00	22.60	20.60	20.40	23.60
19	8.04A0.019200	23.00	20.05	18.00	23.60	21.60	21.40	24.60
20	8.04A0.020200	24.00	21.05	19.00	24.60	22.60	22.40	25.60
21	8.04A0.021200	25.00	22.05	20.00	25.60	23.60	23.40	26.60
22	8.04A0.022200	26.00	23.05	21.00	26.60	24.60	24.40	27.60
23	8.04A0.023200	27.00	24.05	22.00	27.60	25.60	25.40	28.60
24	8.04A0.024200	28.00	25.05	23.00	28.60	26.60	26.40	29.60
25	8.04A0.025200	29.00	26.05	24.00	29.60	27.60	27.40	30.60
26	8.04A0.026200	30.00	27.05	25.00	30.60	28.60	28.40	31.60
27	8.04A0.027200	31.00	28.05	26.00	31.60	29.60	29.40	32.60
28	8.04A0.028200	32.00	29.05	27.00	32.60	30.60	30.40	33.60
29	8.04A0.029200	33.00	30.05	28.00	33.60	31.60	31.40	34.60
30	8.04A0.030200	34.00	31.05	29.00	34.60	32.60	32.40	35.60
36	8.04A0.036200	40.00	37.05	35.00	40.60	38.60	38.40	41.60
40	8.04A0.040200	44.00	41.05	39.00	44.60	42.60	42.40	45.60

NO.	COMPONENTS	MATERIALS	FINISH/COLOR SPECIFICATION	QUANTITY
4	STATOR	PHOSPHOR BRONZE		2
3	TERMINAL	PHOSPHOR BRONZE		POSITIONS
2	COVER	THERMOPLASTIC UL94V-0	BLACK	1
1	HOUSING	THERMOPLASTIC UL94V-0	NATURAL	1

UNLESS OTHERWISE SPECIFIED TOLERANCE			
ANG	TOL	DIM	TOL
.X	±3.0°	.X	±0.20
.XX	±2.0°	.XX	±0.10
.XXX	±1.0°	.XXX	±0.05

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DIANWEI
东莞市钿威电子科技有限公司
DONGGUAN DIANWEI ELECTRONIC TECHNOLOGY CO., LTD
Tel: +86-769-8788 8322 Fax: +86-769-8788 8321 E-mail: dianwei@188.com Http://www.dianwei.cn

DRAWING NO	8.04A0-C
PART NAME:	1.0MM FFC/FPC DUAL CONTACT SIDE CONNECTOR (H=2.0mm)
PART NO.	8.04A0.***200

APPROVED	VERIFIED	DESIGN
		CHEN

DATE	UNITS	SCALE	PAGE	REV
2017.06.12	mm	1:1	1/2	E

QP-04-33-B