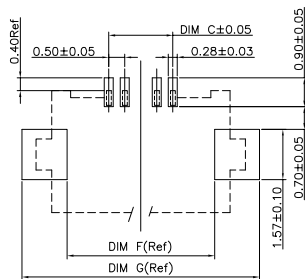
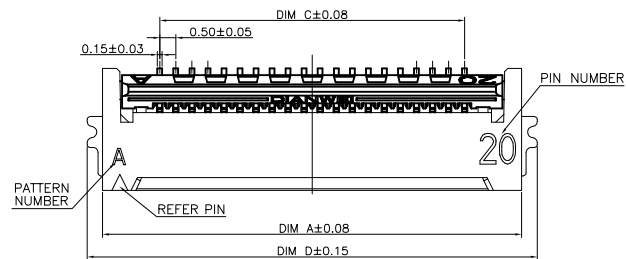


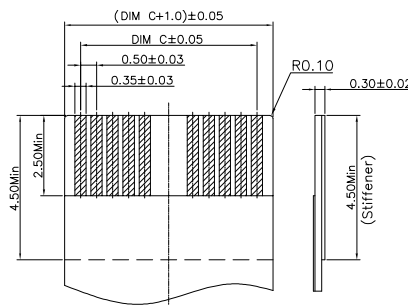
DRAWING TYPE

CUSTOMER DRAWING

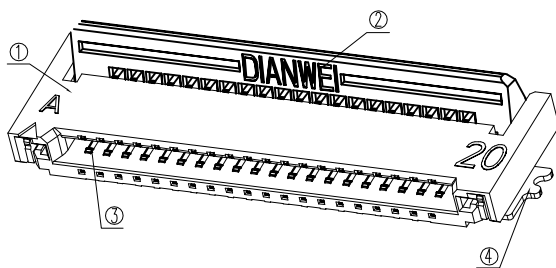
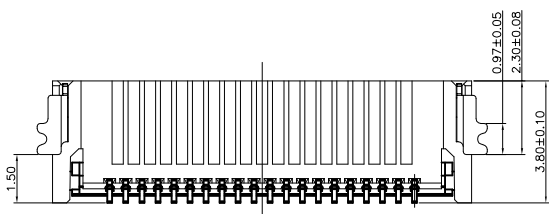
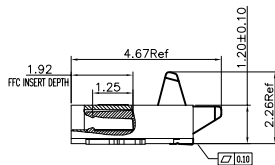
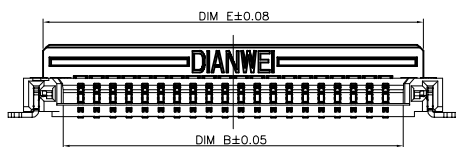
MARK	DATE	DESCRIPTION	DESIGN
Ⓒ	2015.08.31	CHANGE PART NUMBER	WANGPENG
Ⓓ	2016.04.16	ADD PERFORMANCE	WANGPENG
Ⓘ	2017.06.12	Change Plating Note	CHEN



RECOMMENDED PCB LAYOUT



RECOMMENDED FFC/FPC



1. FPC NOT MATING CONDITION BANNED CLOSURE

2. PART NO. LEGEND:

8.02A0 . *** 2 0 0
 ① ② ③ ④ ⑤

① SERIES NAME: 8.02A0= 0.5MM FFC/FPC DUAL CONTACT SIDE CONNECTOR (H=1.2mm)

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°C ~ +85°C

OPERATING HUMIDITY RANGE: 20% TO 85%

Pin No.	P/N	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
4	8.02A0.004200	5.06	2.55	1.50	6.00	3.85	4.10	6.90
5	8.02A0.005200	5.56	3.05	2.00	6.50	4.35	4.60	7.40
6	8.02A0.006200	6.06	3.55	2.50	7.00	4.85	5.10	7.90
7	8.02A0.007200	6.56	4.05	3.00	7.50	5.35	5.60	8.40
8	8.02A0.008200	7.06	4.55	3.50	8.00	5.85	6.10	8.90
10	8.02A0.010200	8.06	5.55	4.50	9.00	6.85	7.10	9.90
12	8.02A0.012200	9.06	6.55	5.50	10.00	7.85	8.10	10.90
14	8.02A0.014200	10.06	7.55	6.50	11.00	8.85	9.10	11.90
15	8.02A0.015200	10.56	8.05	7.00	11.50	9.35	9.60	12.40
16	8.02A0.016200	11.06	8.55	7.50	12.00	9.85	10.10	12.90
18	8.02A0.018200	12.06	9.55	8.50	13.00	10.85	11.10	13.90
20	8.02A0.020200	13.06	10.55	9.50	14.00	11.85	12.10	14.90
22	8.02A0.022200	14.06	11.55	10.50	15.00	12.85	13.10	15.90
24	8.02A0.024200	15.06	12.55	11.50	16.00	13.85	14.10	16.90
25	8.02A0.025200	15.56	13.05	12.00	16.50	14.35	14.60	17.40
26	8.02A0.026200	16.06	13.55	12.50	17.00	14.85	15.10	17.90
28	8.02A0.028200	17.06	14.55	13.50	18.00	15.85	16.10	18.90
30	8.02A0.030200	18.06	15.55	14.50	19.00	16.85	17.10	19.90
32	8.02A0.032200	19.06	16.55	15.50	20.00	17.85	18.10	20.90
34	8.02A0.034200	20.06	17.55	16.50	21.00	18.85	19.10	21.90
35	8.02A0.035200	20.56	18.05	17.00	21.50	19.35	19.60	22.40
36	8.02A0.036200	21.06	18.55	17.50	22.00	19.85	20.10	22.90
40	8.02A0.040200	23.06	20.55	19.50	24.00	21.85	22.10	24.90
42	8.02A0.042200	24.06	21.55	20.50	25.00	22.85	23.10	25.90
45	8.02A0.045200	25.56	23.05	22.00	26.50	24.35	24.60	27.40
50	8.02A0.050200	28.06	25.55	24.50	29.00	26.85	27.10	29.90
52	8.02A0.052200	29.06	26.55	25.50	30.00	27.85	28.10	30.90
54	8.02A0.054200	30.06	27.55	26.50	31.00	28.85	29.10	31.90
56	8.02A0.056200	31.06	28.55	27.50	32.00	29.85	30.10	32.90
60	8.02A0.060200	33.06	30.55	29.50	34.00	31.85	32.10	34.90

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

DIANWEI

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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

APPROVED	VERIFIED	DRAWING NO	PART NAME: 0.5mm FFC/FPC DUAL CONTACT SIDE CONNECTOR(H=1.2mm)			
		8.02A0-C	PART NO. 8.02A0.***200			
CHEN	DESIGN	DATE	UNITS	SCALE	PAGE	REV
		2017.06.12	mm	1:1	1/2	I

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