

DRAWING TYPE

CUSTOMER DRAWING

MARK

DATE

DESCRIPTION

DESIGN

J

2016.06.18

ADD 41PIN

WANGPENG

K

2017.06.08

Change Plating Note

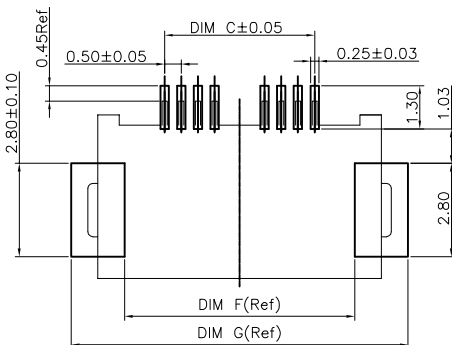
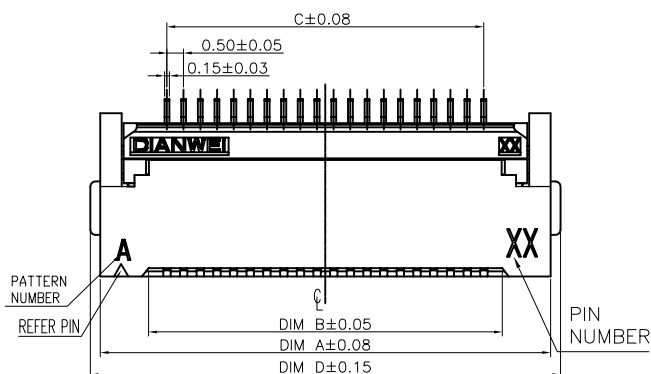
CHEN

L

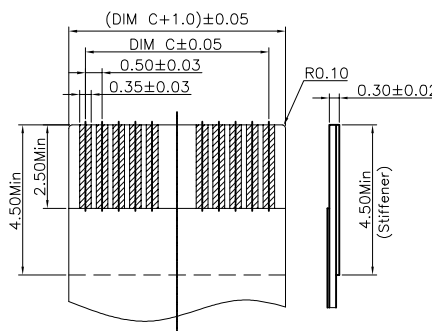
2019.01.16

UPDATE P/N

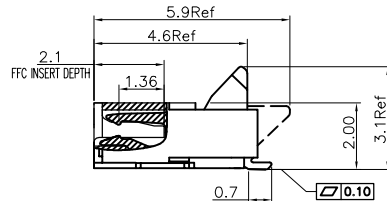
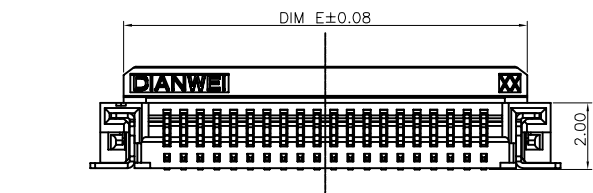
CHEN



RECOMMENDED PCB LAYOUT



RECOMMENDED FFC/FPC



1. FPC NOT MATING CONDITION BANNED CLOSURE

2. PART NO. LEGEND:

8.01A0.***200

①SERIES NAME:8.01A0= 0.5MM FFC/FPC DUAL CONTACT SIDE CONNECTOR (H=2.0mm)

②CONTACT PIN NUMBER:***=CONTACT PIN NUMBER

③CONTACT 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"

④UNSPECIFIED:0=NONESENSE

⑤UNSPECIFIED:0=NONESENSE

3. PERFORMANCE:

3.1: CURRENT RATING: 0.5A/PIN.

3.2: VOLTAGE RATING: 50V (AC/DC).

3.3: CONTACT RESISTANCE: INITIAL VALUE 30mOHM Max,

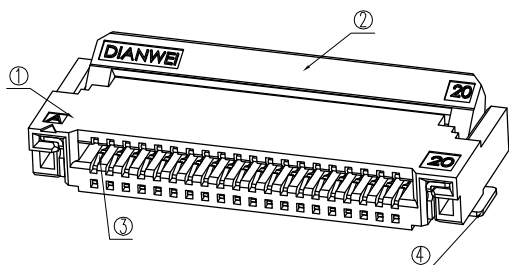
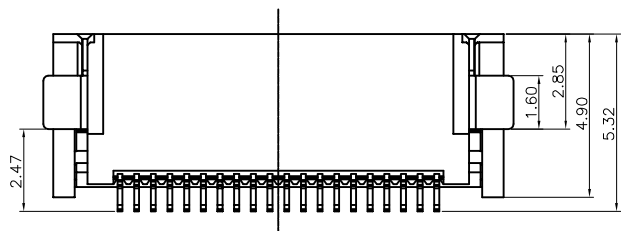
3.4: INSULATION RESISTANCE: 500MOHM Min.

3.5: DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR 1MINUTE;

3.6: DURABILITY: 20 TIMES Min.

3.7: OPERATING TEMPERATURE: -40°C~+85°C

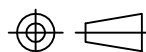
OPERATING HUMIDITY RANGE: 20% TO 85%



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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



DRAWING NO

8.01A0-C

PART NAME:

0.5mm FFC/FPC DUAL CONTACT SIDE CONNECTOR(H=2.0mm)

PART NO.

8.01A0.***200

APPROVED

VERIFIED

DESIGN

DATE

UNITS

SCALE

PAGE

REV

CHEN

2019.01.16

mm

1:1

1/1

L

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

深圳市金航标电子有限公司

www.kinghelm.com.cn

KH-FPC0.5-H2.0SMT-40P-QCHF

0755-28190160

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