

DRAWING TYPE

CUSTOMER DRAWING

MARK

DATE

DESCRIPTION

DESIGN

J

2016.06.18

ADD 41PIN

WANGPENG

K

2017.06.08

Change Plating Note

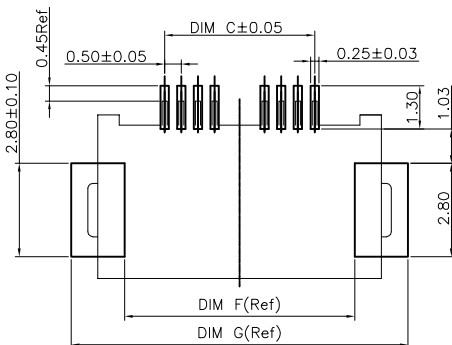
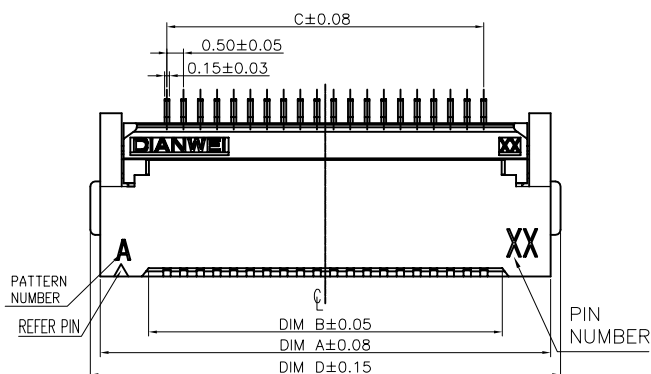
CHEN

L

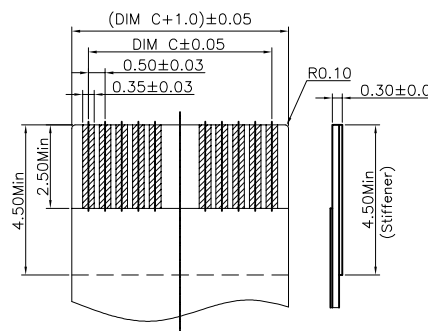
2019.01.16

UPDATE P/N

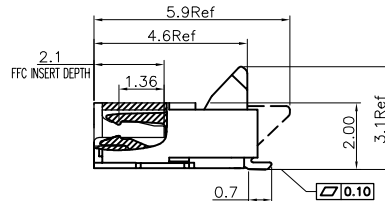
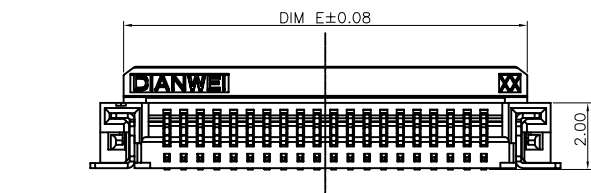
CHEN



RECOMMENDED PCB LAYOUT



RECOMMENDED FFC/FPC



1. FPC NOT MATING CONDITION BANNED CLOSURE

2. PART NO. LEGEND:

8.01A0 . *** 2 0 0
① ② ③ ④ ⑤

① SERIES NAME: 8.01A0= 0.5MM 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,

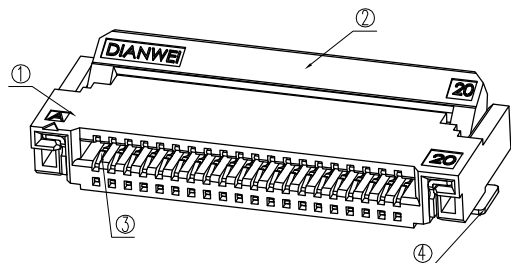
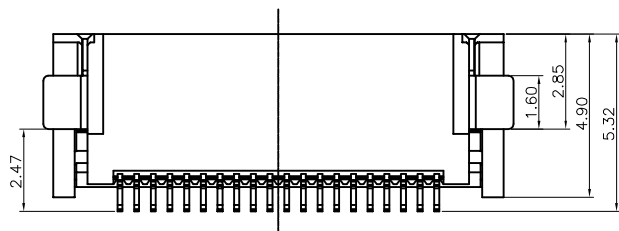
3.4: INSULATION RESISTANCE: 500MOHM Min.

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

3.6: DURABILITY: 20 TIMES Min.

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

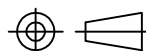
OPERATING HUMIDITY RANGE: 20% TO 85%



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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 |



APPROVED

VERIFIED

DRAWING NO

8.01A0-C

DESIGN

CHEN

PART NAME:

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

PART NO.

8.01A0.***200

DATE

UNITS

SCALE

PAGE

REV

2019.01.16

mm

1:1

1/1

L

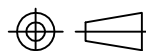
| NO. | COMPONENTS | MATERIALS | FINISH/COLOR | SPECIFICATION | QUANTITY |
|-----|------------|-----------------------|--------------|---------------|-----------|
| 4 | STATOR | BRASS | | | 2 |
| 3 | TERMINAL | PHOSPHOR BRONZE | | | POSITIONS |
| 2 | COVER | THERMOPLASTIC UL94V-0 | BLACK | | 1 |
| 1 | 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-8P-QCHF

0755-28190160



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mm

1:1

1/1

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