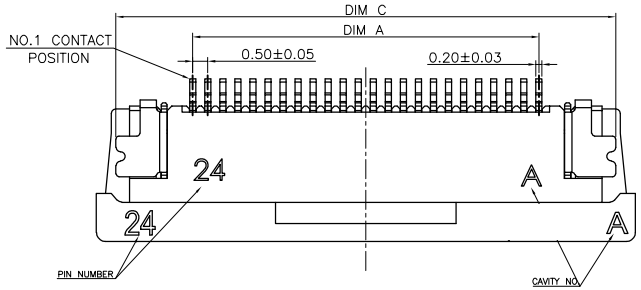
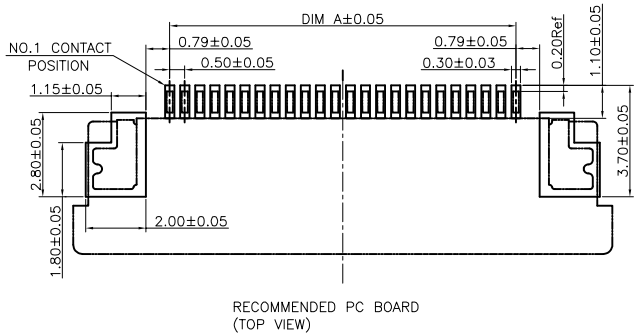
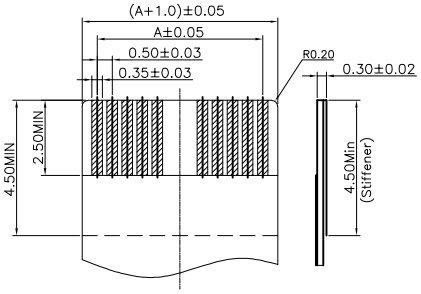
RoHS

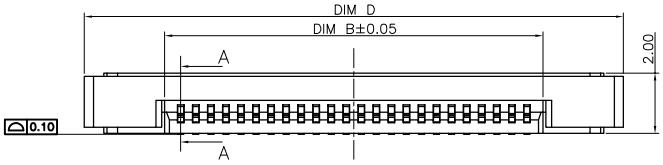


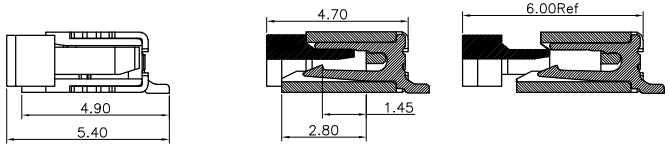




RECOMMENDED PC BOARD
(TOP VIEW)

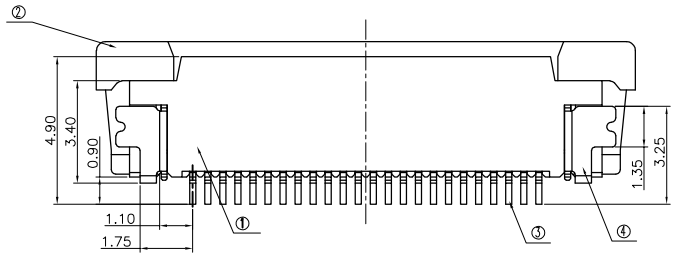


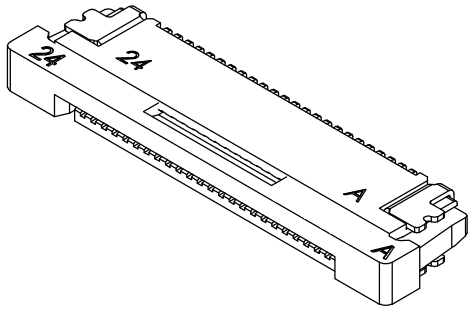

RECOMMENDED FFC/FPC DIM




SECTION: A–A
SCALE: 1:1




1. PART NO. LEGEND:

8.13A0 . *** 2 0 0
① ② ③④⑤

①.SERIES NAME:8.13A0=0.5MM FFC/FPC HORIZONTAL TYPE CONNECTOR
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

2. PERFORMANCE:

2.1: CURRENT RATING: 0.5A/PIN.
2.2: VOLTAGE RATING: 50V (AC/DC).
2.3: CONTACT RESISTANCE: INITIAL VALUE 30mOHM Max,
2.4: INSULATION RESISTANCE: 500MOHM Min.
2.5: DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR 1MINUTE;
2.6: DURABILITY: 20 TIMES Min.
2.7: OPERATING TEMPERATURE: -40°C~+85°C
OPERATING HUMIDITY RANGE: 20% TO 85%

| Pin No. | P/N | DIM A | DIM B | DIM C | DIM D |
|---|---|---|---|---|---|
| 4 | | 1.50 | 2.56 | 6.60 | 7.90 |
| 5 | | 2.00 | 3.06 | 7.10 | 8.40 |
| 6 | | 2.50 | 3.56 | 7.60 | 8.90 |
| 8 | | 3.50 | 4.56 | 8.60 | 9.90 |
| 9 | | 4.00 | 5.06 | 9.10 | 10.40 |
| 10 | | 4.50 | 5.56 | 9.60 | 10.90 |
| 12 | 8.13A0.012200 | 5.50 | 6.56 | 10.60 | 11.90 |
| 13 | | 6.00 | 7.06 | 11.10 | 12.40 |
| 14 | | 6.50 | 7.56 | 11.60 | 12.90 |
| 15 | | 7.00 | 8.06 | 12.10 | 13.40 |
| 16 | | 7.50 | 8.56 | 12.60 | 13.90 |
| 18 | | 8.50 | 9.56 | 13.60 | 14.90 |
| 20 | | 9.50 | 10.56 | 14.60 | 15.90 |
| 22 | | 10.50 | 11.56 | 15.60 | 16.90 |
| 24 | 8.13A0.024200 | 11.50 | 12.56 | 16.60 | 17.90 |
| 26 | | 12.50 | 13.56 | 17.60 | 18.90 |
| 28 | | 13.50 | 14.56 | 18.60 | 19.90 |
| 30 | | 14.50 | 15.56 | 19.60 | 20.90 |

| 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 |

| MARK | DESCRIPTION | DATE | REVISED | APPROVED |
|---|---|---|---|---|
| | | | | |
| ΔX | | | | |
| ΔX | | | | |
| ΔX | | | | |

REVISIONS

| UNSPECIFIED TOLERANCES | |
|---|---|
| ANGLAR | ±5° |
| L≤ 4 | ±0.2 |
| 4<L≤ 16 | ±0.3 |
| 16<L≤ 63 | ±0.4 |
| L> 63 | ±0.5 |

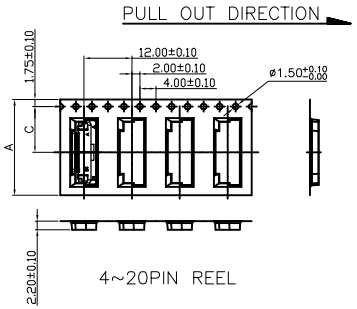
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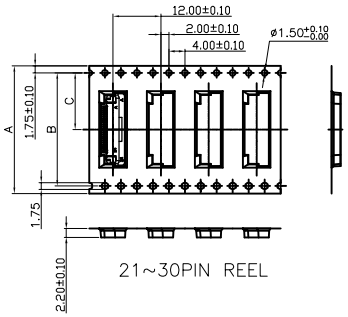
HIEMI TECHNOLOGY CO., LTD

| | | | |
|---|---|---|---|
| DSND | | SCALE: N/A | 0.5MM FFC/FPC BOTTOM CONTACT HORIZONTAL TYPE CONNECTOR(H=2.0mm) |
| DWN | | VIEW: | PART NO.: 8.13A0.***200 |
| CHKD | | UNIT: mm/in | DWG NO.: |
| APPD | | SIZE: A4 | |

| WEIGHT | SHEET | REVISION |
|---|---|---|
| | 1/1 | A0 |

RoHS

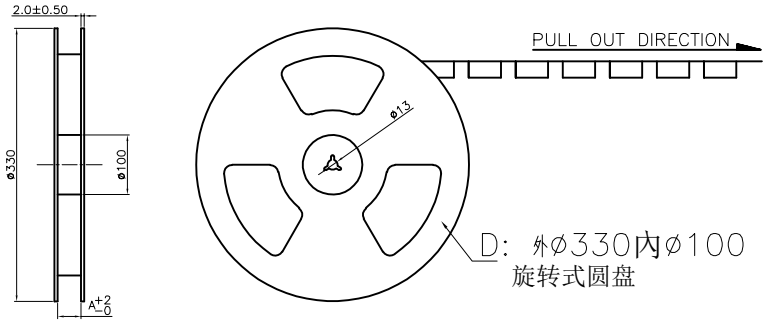


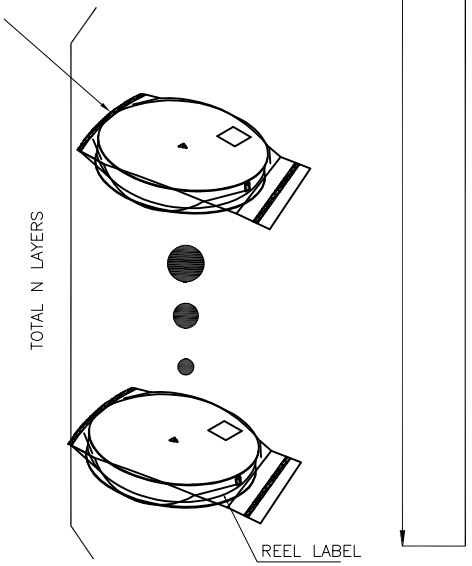



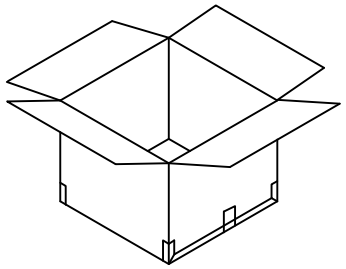

NOTES:
1. MATERIAL:
   1.1 CARRY TAPE:HIPS,T=0.30±0.05mm,BLACK
   1.2 REEL:HIPS,
   1.3 SHIM:PE,CLEAR.
2. PRIMARY PACKING:2000PCS/REEL.
3. SECONDARY PACKING:SEE PACKING LIST
4. PEELING RESISTANCE: 0.1~1.3N(10~130gf); PEELING ANGLE: 165°~180°; PEELING SPEED: 300mm/minutes.

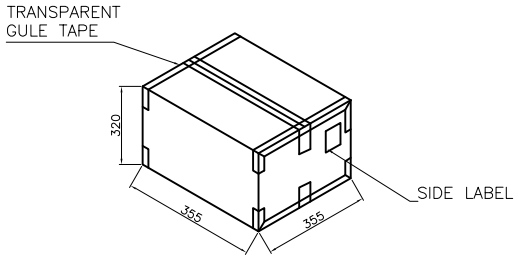
5. QTY. LIST:

| NO. OF POS. | A | B | C | PCS/REEL |
|---|---|---|---|---|
| 4~20 PIN | 24.0 | \ | 11.5 | 2000 |
| 21~30 PIN | 32.0 | 28.4 | 14.2 | 2000 |






| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | ANGLAR | ±5° |
| ΔX | | | | | L≤ 4 | ±0.2 |
| ΔX | | | | | 4<L≤ 16 | ±0.3 |
| ΔX | | | | | 16<L≤ 63 | ±0.4 |
| MARK | DESCRIPTION | DATE | REVISED | APPROVED | L> 63 | ±0.5 |
| REVISIONS | | | | | UNSPECIFIED TOLERANCES | |

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| | | | |
|---|---|---|---|
| DSND | | SCALE: N/A | 0.5MM FFC/FPC VERTICAL TYPE CONNECTOR PACKAGE SPEC |
| DWN | | VIEW: | PART NO.: 8.13A0.***200 |
| CHKD | | UNIT: mm/in | DWG NO.: |
| APPD | | SIZE: A4 | |

HIEMI TECHNOLOGY CO., LTD

| WEIGHT | SHEET | REVISION |
|---|---|---|
| | 1/1 | A0 |