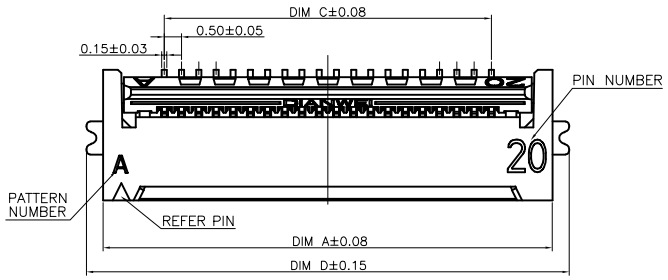
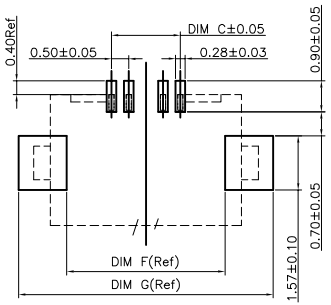
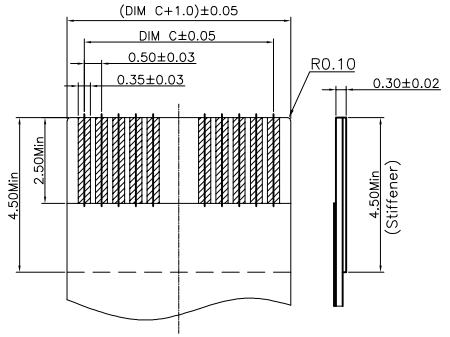
RoHS

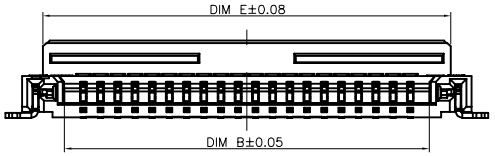


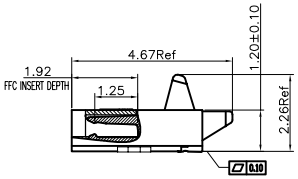


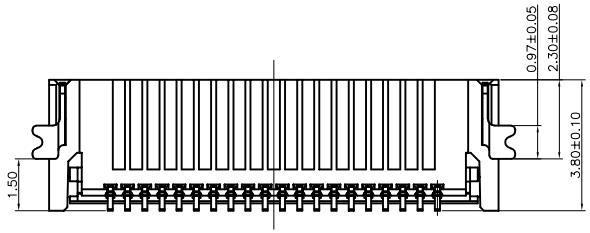
RECOMMENDED PCB LAYOUT



RECOMMENDED FFC/FPC







1. FPC NOT MATING CONDITION BANNED CLOSURE

2. PART NO. LEGEND:

8.21A0 . *** 2 0 0
① ② ③ ④ ⑤

①SERIES NAME:8.21A0= 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;

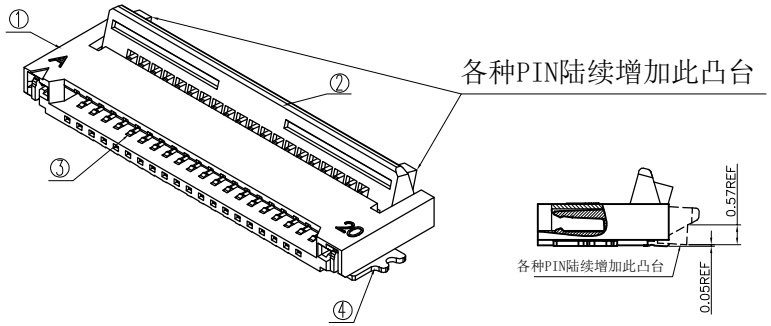
3.6: DURABILITY: 20 TIMES Min.

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	8.21A0.004200	5.06	2.55	1.50	6.00	3.85	4.10	6.90
5	8.21A0.005200	5.56	3.05	2.00	6.50	4.35	4.60	7.40
6	8.21A0.006200	6.06	3.55	2.50	7.00	4.85	5.10	7.90
7	8.21A0.007200	6.56	4.05	3.00	7.50	5.35	5.60	8.40
8	8.21A0.008200	7.06	4.55	3.50	8.00	5.85	6.10	8.90
10	8.21A0.010200	8.06	5.55	4.50	9.00	6.85	7.10	9.90
12	8.21A0.012200	9.06	6.55	5.50	10.00	7.85	8.10	10.90
14	8.21A0.014200	10.06	7.55	6.50	11.00	8.85	9.10	11.90
15	8.21A0.015200	10.56	8.05	7.00	11.50	9.35	9.60	12.40
16	8.21A0.016200	11.06	8.55	7.50	12.00	9.85	10.10	12.90
18	———	12.06	9.55	8.50	13.00	10.85	11.10	13.90
20	8.21A0.020200	13.06	10.55	9.50	14.00	11.85	12.10	14.90
22	———	14.06	11.55	10.50	15.00	12.85	13.10	15.90
24	8.21A0.024200	15.06	12.55	11.50	16.00	13.85	14.10	16.90
25	———	15.56	13.05	12.00	16.50	14.35	14.60	17.40
26	———	16.06	13.55	12.50	17.00	14.85	15.10	17.90
28	8.21A0.028200	17.06	14.55	13.50	18.00	15.85	16.10	18.90
30	8.21A0.030200	18.06	15.55	14.50	19.00	16.85	17.10	19.90
32	8.21A0.032200	19.06	16.55	15.50	20.00	17.85	18.10	20.90
34	8.21A0.034200	20.06	17.55	16.50	21.00	18.85	19.10	21.90
35	8.21A0.035200	20.56	18.05	17.00	21.50	19.35	19.60	22.40
36	8.21A0.036200	21.06	18.55	17.50	22.00	19.85	20.10	22.90
40	8.21A0.040200	23.06	20.55	19.50	24.00	21.85	22.10	24.90
42	———	24.06	21.55	20.50	25.00	22.85	23.10	25.90
45	8.21A0.045200	25.56	23.05	22.00	26.50	24.35	24.60	27.40
50	8.21A0.050200	28.06	25.55	24.50	29.00	26.85	27.10	29.90
52	8.21A0.052200	29.06	26.55	25.50	30.00	27.85	28.10	30.90
54	———	30.06	27.55	26.50	31.00	28.85	29.10	31.90
56	8.21A0.056200	31.06	28.55	27.50	32.00	29.85	30.10	32.90
60	8.21A0.060200	33.06	30.55	29.50	34.00	31.85	32.10	34.90

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



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

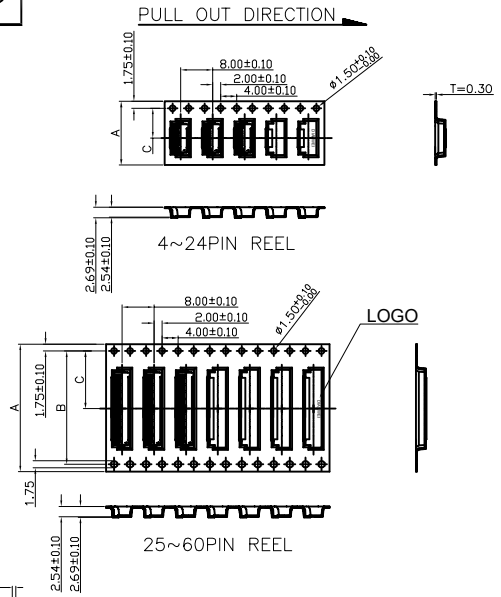
www.hiemi.cn

HIEMI TECHNOLOGY CO., LTD

DSND		SCALE: N/A	0.5mm FFC/FPC DUAL CONTACT SIDE CONNECTOR(H=1.2mm)
DWN		VIEW:	PART NO.: 8.21A0.***200
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

WEIGHT	SHEET	REVISION
	1/1	A0

RoHS

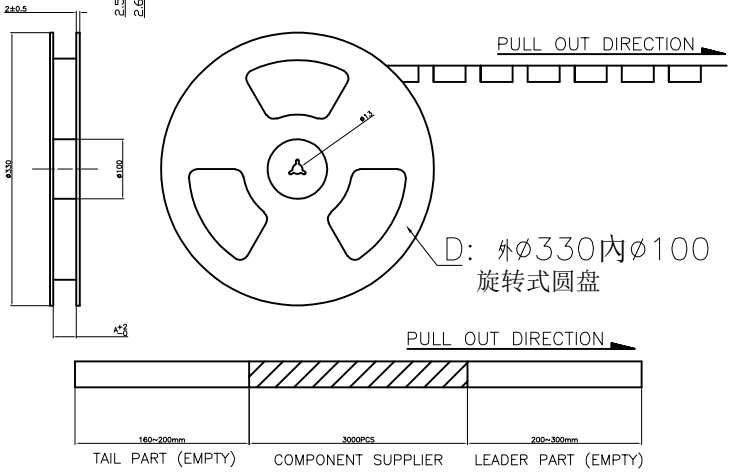


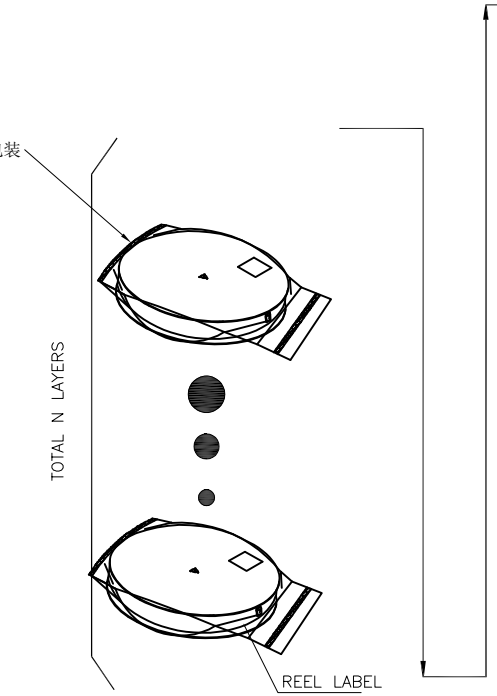
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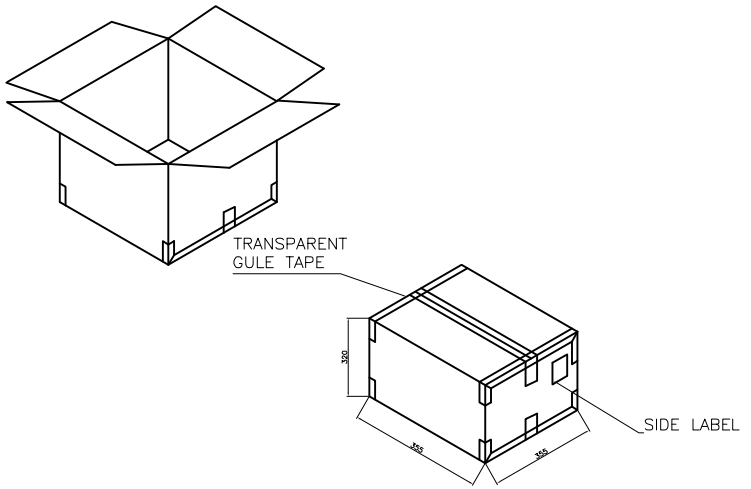
1. MATERIAL:
   1.1 CARRY TAPE:HIPS,T=0.30±0.05mm,CLEAR
   1.2 REEL:HIPS,
   1.3 SHIM:PE,CLEAR.
2. PRIMARY PACKING:3000PCS/REEL.
3. SECONDARY PACKING:SEE PACKING LIST
4. PEELING RESISTANCE: 0.1~1.3N(10~130gf); PEELING ANGLE: 165°~180°; PEELING SPEED: 300mm/minutes.

6. QTY. LIST:

NO. OF POS.	A	B	C	PCS/REEL
4~8 PIN	16.0	\	7.5	3000
9~24 PIN	24.0	\	11.5	3000
25~34 PIN	32.0	28.4	14.2	3000
35~56 PIN	44.0	40.4	20.2	3000
57~60 PIN	56.0	52.4	26.2	3000







					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	

www.hiemi.cn

DSND		SCALE: N/A	0.5MM FFC/FPC DUAL CONTACT SIDE CONNECTOR (H=1.2mm) PACKAGE SPEC
DWN		VIEW:	PART NO.: 8.21A0.***200
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

HIEMI TECHNOLOGY CO., LTD

WEIGHT	SHEET	REVISION
	1/1	A0