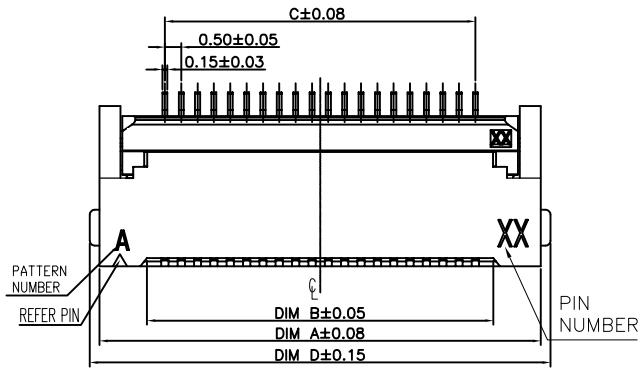
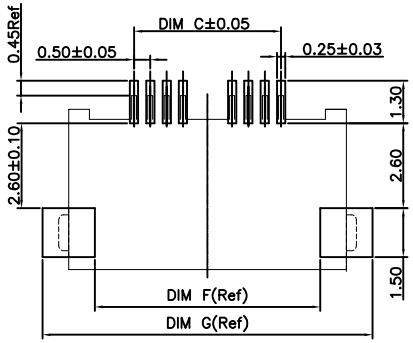
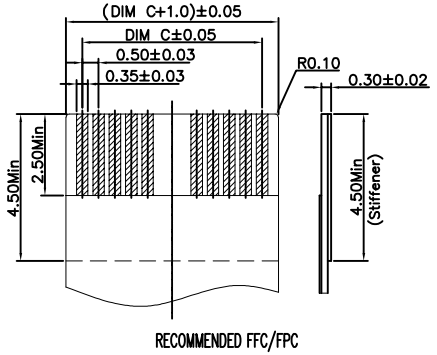
RoHS

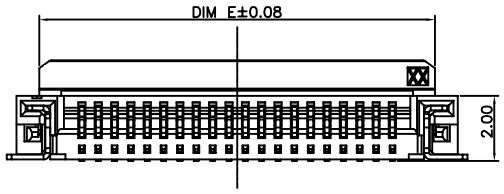


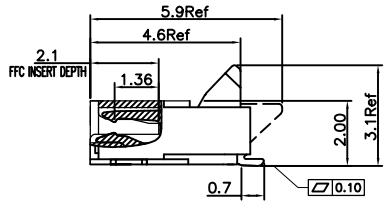


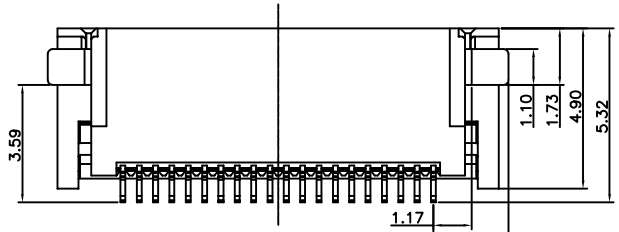
RECOMMENDED PCB LAYOUT

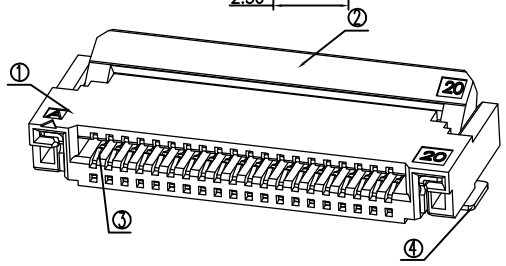


RECOMMENDED FFC/FPC









1. FPC NOT MATING CONDITION BANNED CLOSURE

2. PART NO. LEGEND:

8.19A0 . *** 2 0 0
① ② ③④⑤

①SERIES NAME:8.19A0= 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℃~+85℃
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	8.19A0.004200	5.50	2.55	1.50	6.10	4.10	3.90	7.10
5	8.19A0.005200	6.00	3.05	2.00	6.60	4.60	4.40	7.60
6	8.19A0.006200	6.50	3.55	2.50	7.10	5.10	4.90	8.10
8	8.19A0.008200	7.50	4.55	3.50	8.10	6.10	5.90	9.10
9	8.19A0.009200	8.00	5.05	4.00	8.60	6.60	6.40	9.60
10	8.19A0.010200	8.50	5.55	4.50	9.10	7.10	6.90	10.10
12	8.19A0.012200	9.50	6.55	5.50	10.10	8.10	7.90	11.10
14	8.19A0.014200	10.50	7.55	6.50	11.10	9.10	8.90	12.10
15	8.19A0.015200	11.00	8.05	7.00	11.60	9.60	9.40	12.60
16	8.19A0.016200	11.50	8.55	7.50	12.10	10.10	9.90	13.10
18	8.19A0.018200	12.50	9.55	8.50	13.10	11.10	10.90	14.10
20	8.19A0.020200	13.50	10.55	9.50	14.10	12.10	11.90	15.10
22	8.19A0.022200	14.50	11.55	10.50	15.10	13.10	12.90	16.10
24	8.19A0.024200	15.50	12.55	11.50	16.10	14.10	13.90	17.10
26	8.19A0.026200	16.50	13.55	12.50	17.10	15.10	14.90	18.10
28	8.19A0.028200	17.50	14.55	13.50	18.10	16.10	15.90	19.10
30	8.19A0.030200	18.50	15.55	14.50	19.10	17.10	16.90	20.10
32	8.19A0.032200	19.50	16.55	15.50	20.10	18.10	17.90	21.10
34	8.19A0.034200	20.50	17.55	16.50	21.10	19.10	18.90	22.10
35	8.19A0.035200	21.00	18.05	17.00	21.60	19.60	19.40	22.60
36	8.19A0.036200	21.50	18.55	17.50	22.10	20.10	19.90	23.10
38	8.19A0.038200	22.50	19.55	18.50	23.10	21.10	20.90	24.10
40	8.19A0.040200	23.50	20.55	19.50	24.10	22.10	21.90	25.10
41	8.19A0.041200	24.00	21.05	20.00	24.60	22.60	22.40	25.60
42	8.19A0.042200	24.50	21.55	20.50	25.10	23.10	22.90	26.10
45	8.19A0.045200	26.00	23.05	22.00	26.60	24.60	24.40	27.60
50	8.19A0.050200	28.50	25.55	24.50	29.10	27.10	26.90	30.10
51	8.19A0.051200	29.00	26.05	25.00	29.60	27.60	27.40	30.60
52	8.19A0.052200	29.50	26.55	25.50	30.10	28.10	27.90	31.10
54	8.19A0.054200	30.50	27.55	26.50	31.10	29.10	28.90	32.10
55	8.19A0.055200	31.00	28.05	27.00	31.60	29.60	29.40	32.60
58	8.19A0.058200	32.50	29.55	28.50	33.10	31.10	30.90	34.10
60	8.01A0.060200	33.50	30.55	29.50	34.10	32.10	31.90	35.10

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

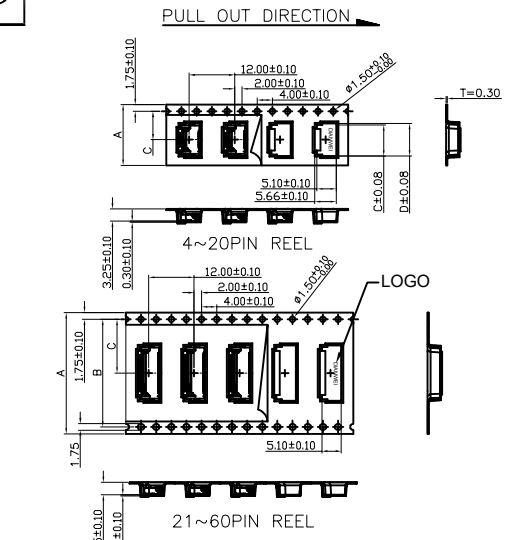
www.hiemi.cn

DSND		SCALE: N/A	0.5mm FFC/FPC DUAL CONTACT SIDE CONNECTOR(H=2.0mm)
DWN		VIEW:	PART NO.: 8.19A0.***200
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

HIEMI TECHNOLOGY CO., LTD

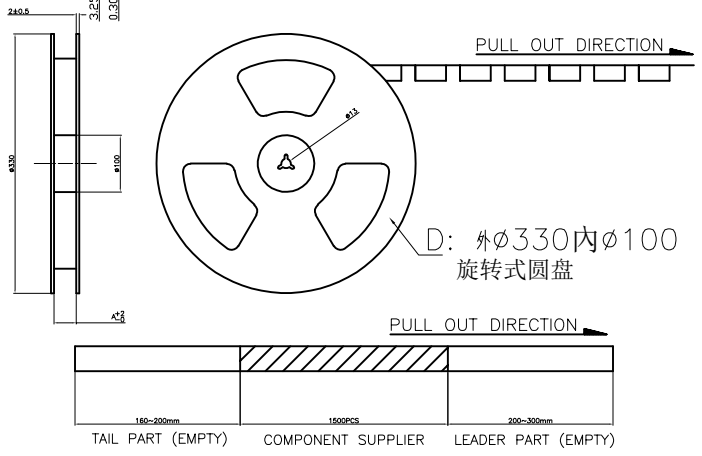
WEIGHT	SHEET	REVISION
	1/1	A0

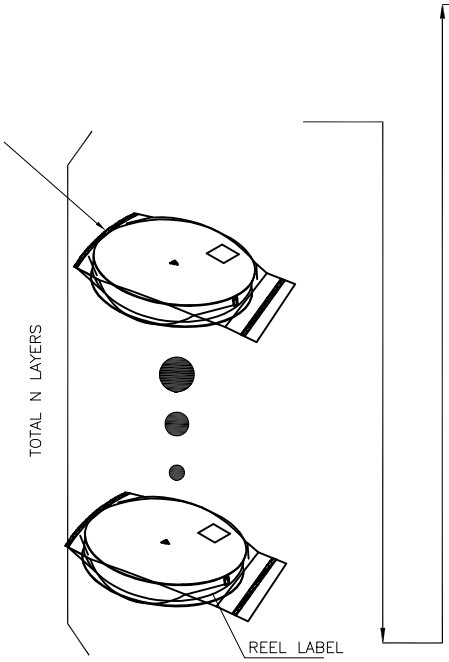
RoHS

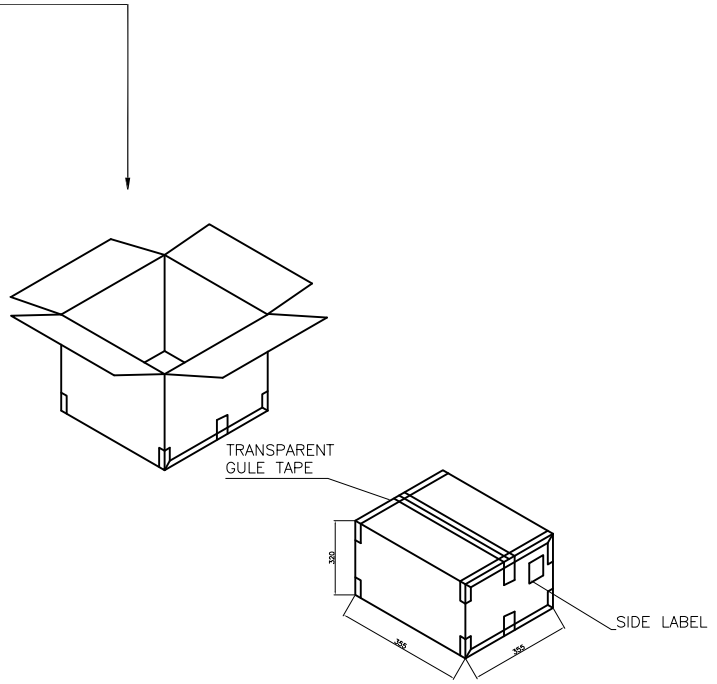


NOTES:

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:1500PCS/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. This is to certify that all of parts shipped definitely can meet the requirements of Rohs and Halogen Free(HF)







6. QTY. LIST:

NO. OF POS.	A	B	C	PCS/REEL
4~8PIN	16.0	\	7.5	1500
9~20 PIN	24.0	\	11.5	1500
21~34 PIN	32.0	28.4	14.2	1500
35~54 PIN	44.0	40.4	20.2	1500
55~60 PIN	56.0	52.4	26.2	1500

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=2.0mm) PACKAGE SPEC
DWN		VIEW:	PART NO.: 8.19A0.***200
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

WEIGHT	SHEET	REVISION
	1/1	A0