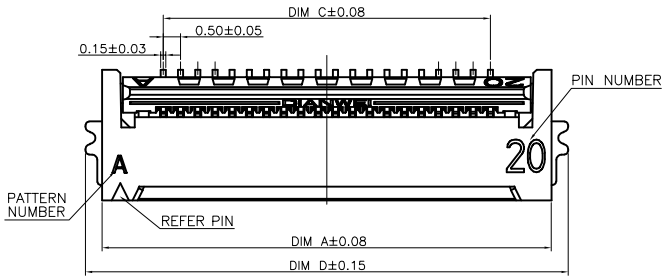
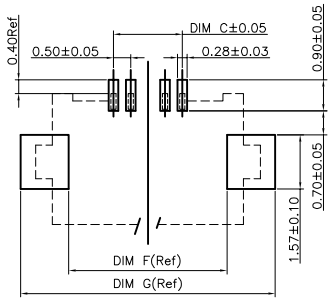
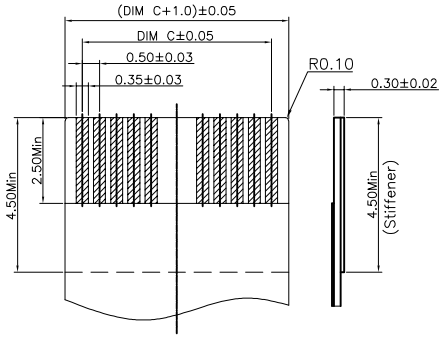
RoHS

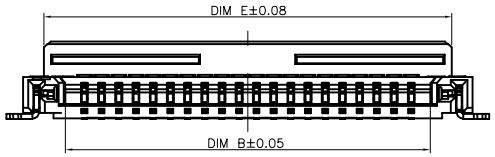


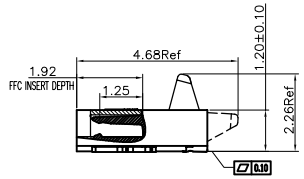


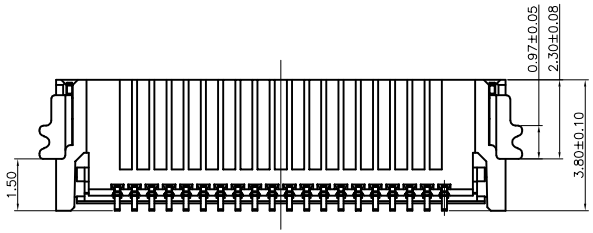
RECOMMENDED PCB LAYOUT

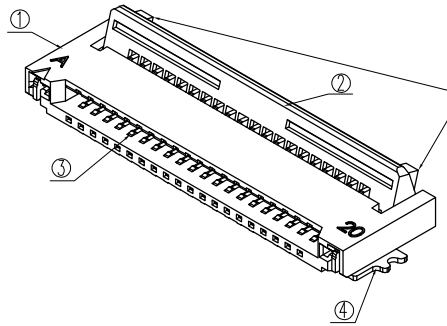


RECOMMENDED FFC/FPC

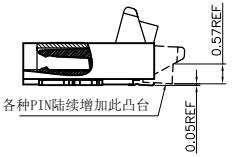








各种PIN陆续增加此凸台 Ⓙ



1. FPC NOT MATING CONDITION BANNED CLOSURE
2. PART NO. LEGEND:

8.02A0 . *** 2 0 0
① ② ③ ④ ⑤

①.SERIES NAME:8.02A0= 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
1=NO LOGO
2=Particular LOGO
3=OTHER

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	8.02A0.00420X	5.06	2.55	1.50	6.00	3.85	4.10	6.90
5	8.02A0.00520X	5.56	3.05	2.00	6.50	4.35	4.60	7.40
6	8.02A0.00620X	6.06	3.55	2.50	7.00	4.85	5.10	7.90
7	8.02A0.00720X	6.56	4.05	3.00	7.50	5.35	5.60	8.40
8	8.02A0.00820X	7.06	4.55	3.50	8.00	5.85	6.10	8.90
10	8.02A0.01020X	8.06	5.55	4.50	9.00	6.85	7.10	9.90
12	8.02A0.01220X	9.06	6.55	5.50	10.00	7.85	8.10	10.90
14	8.02A0.01420X	10.06	7.55	6.50	11.00	8.85	9.10	11.90
15	8.02A0.01520X	10.56	8.05	7.00	11.50	9.35	9.60	12.40
16	8.02A0.01620X	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	8.02A0.02020X	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	8.02A0.02420X	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	8.02A0.02820X	17.06	14.55	13.50	18.00	15.85	16.10	18.90
30	8.02A0.03020X	18.06	15.55	14.50	19.00	16.85	17.10	19.90
32	8.02A0.03220X	19.06	16.55	15.50	20.00	17.85	18.10	20.90
34	8.02A0.03420X	20.06	17.55	16.50	21.00	18.85	19.10	21.90
35	8.02A0.03520X	20.56	18.05	17.00	21.50	19.35	19.60	22.40
36	8.02A0.03620X	21.06	18.55	17.50	22.00	19.85	20.10	22.90
40	8.02A0.04020X	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	8.02A0.04520X	25.56	23.05	22.00	26.50	24.35	24.60	27.40
50	8.02A0.05020X	28.06	25.55	24.50	29.00	26.85	27.10	29.90
52	8.02A0.05220X	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	8.02A0.05620X	31.06	28.55	27.50	32.00	29.85	30.10	32.90
60	8.02A0.06020X	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

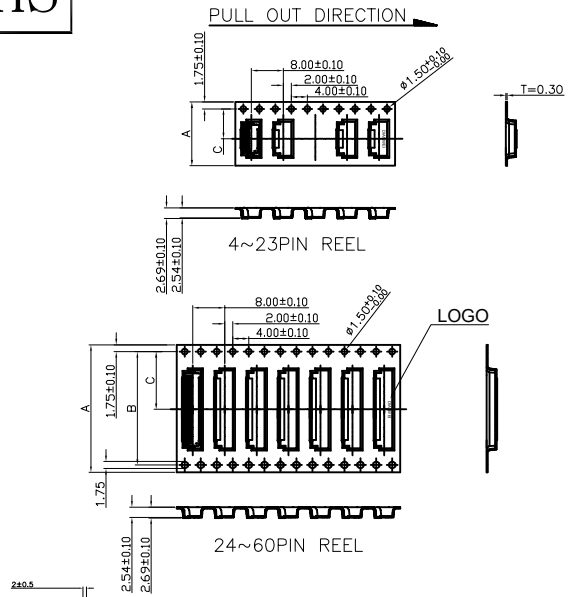
www.hiemi.cn

HIEMI TECHNOLOGY CO., LTD

DSND		SCALE: N/A	0.5mm FFC/FPC DUAL CONTACT SIDE CONNECTOR(H=1.2mm)
DWN		VIEW:	PART NO.: 8.02A0.***200
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

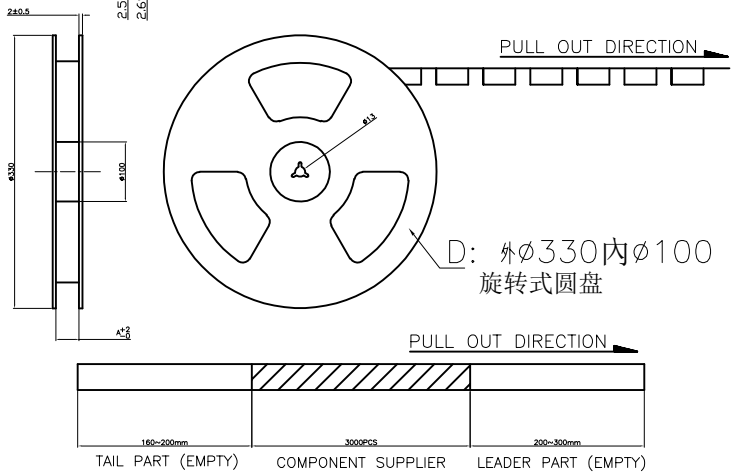
WEIGHT	SHEET	REVISION
	1/1	A0

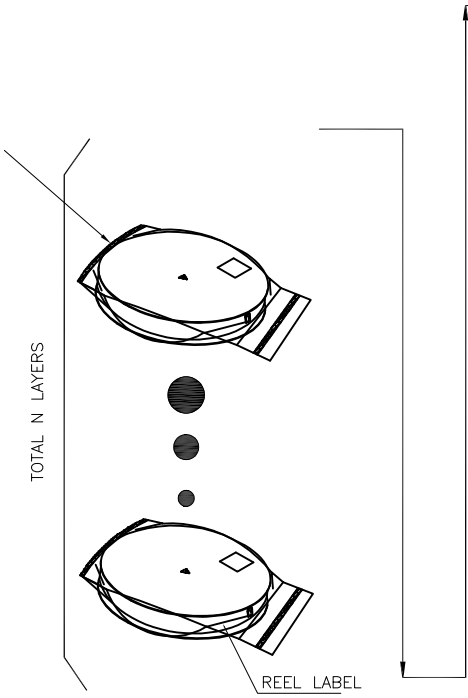
RoHS

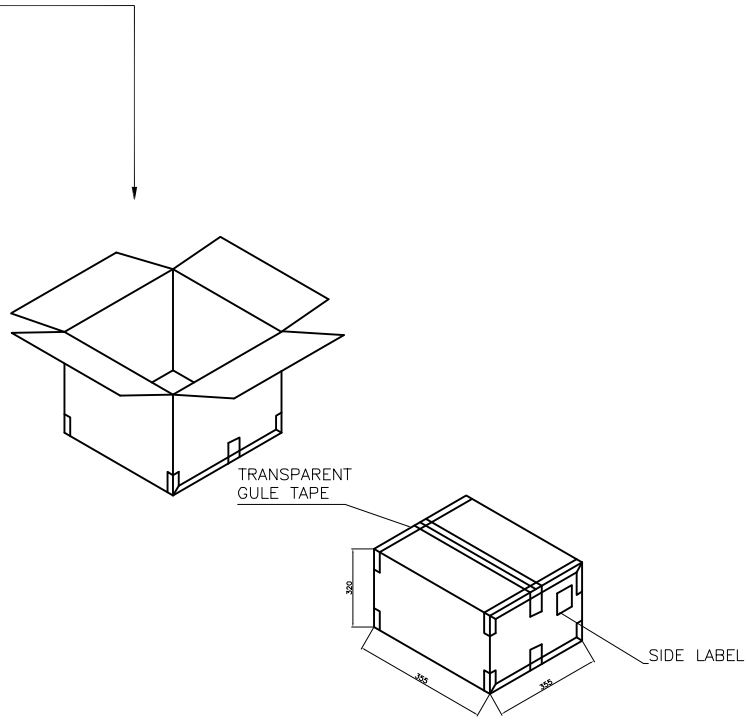


NOTES:

1. MATERIAL:
   1.1 CARRY TAPE:HIPS,T=0.30±0.05mm,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
4~7 PIN	16.0	\	7.5	3000
8~23 PIN	24.0	\	11.5	3000
24~33 PIN	32.0	28.4	14.2	3000
34~55 PIN	44.0	40.4	20.2	3000
56~60 PIN	56.0	52.4	26.2	3000

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
DWN		VIEW:
CHKD		UNIT: mm/in
APPD		SIZE: A4

0.5MM FFC/FPC DUAL CONTACT SIDE CONNECTOR (H=1.2mm) PACKAGE SPEC

PART NO.: 8.02A0.***20*

DWG NO.:

WEIGHT	SHEET	REVISION
	1/1	A0