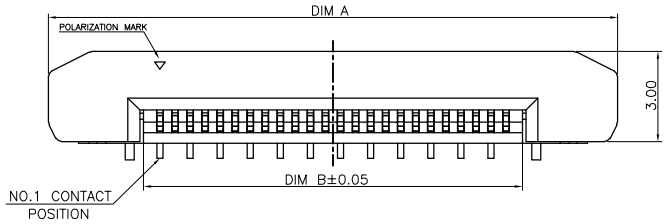
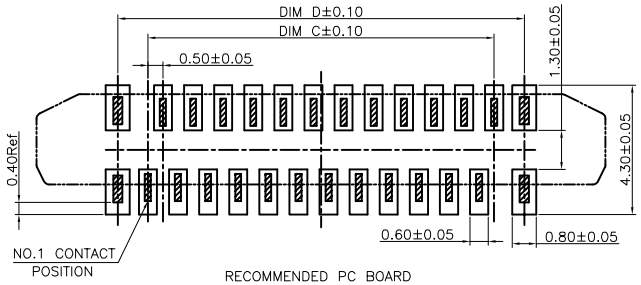
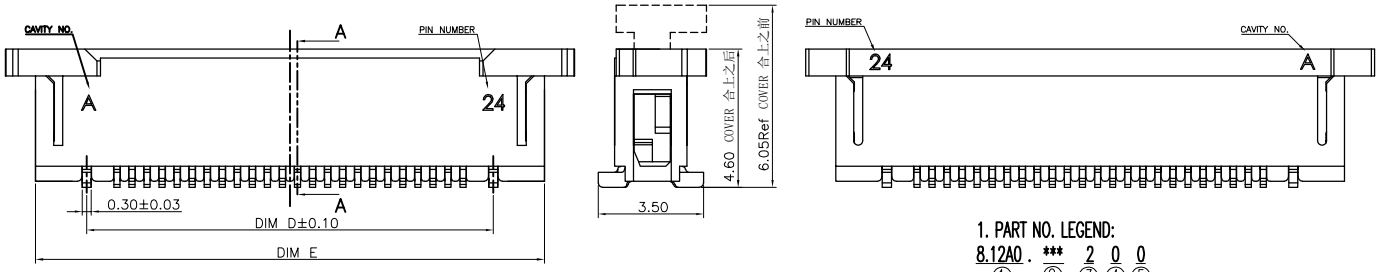
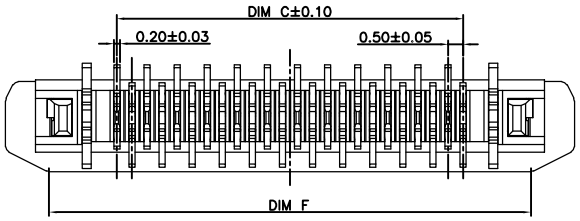
RoHS

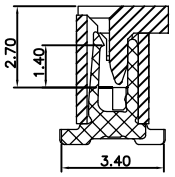




RECOMMENDED PC BOARD
(TOP VIEW)







SECTION: A–A
SCALE: 1:1

1. PART NO. LEGEND:

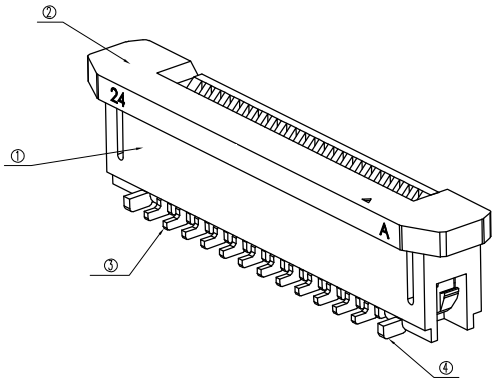
8.12A0 . *** 2 0 0
① ② ③ ④ ⑤

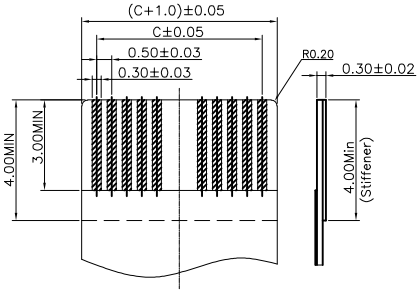
①.SERIES NAME:8.12A0=0.5MM FFC/FPC VERTICAL TYPE CONNECTOR
②.CONTACT PIN NUMBER:***=CONTACT PIN NUMBER
③.CONTACT AREA PLATING SPEC: GOLD PLATING: 2=1~3u";3=5u";4=10u";5=15u"
SOLDER AREA PLATING SPEC: GOLD PLATING: 2=1~3u";3=5u";4=10u";5=15u"
④.UNSPECIFIED:0=NONSENSE
⑤.UNSPECIFIED:0=NONSENSE

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	DIM E	DIM F
4		8.90	2.58	1.50	3.50	6.90	6.01
5		9.40	3.08	2.00	4.00	7.40	6.51
6		9.90	3.58	2.50	4.50	7.90	7.01
8		10.90	4.58	3.50	5.50	8.90	8.01
9		11.40	5.08	4.00	6.00	9.40	8.51
10		11.90	5.58	4.50	6.50	9.90	9.01
12		12.90	6.58	5.50	7.50	10.90	10.01
13		13.40	7.08	6.00	8.00	11.40	10.51
14		13.90	7.58	6.50	8.50	11.90	11.01
15		14.40	8.08	7.00	9.00	12.40	11.51
16		14.90	8.58	7.50	9.50	12.90	12.01
18		15.90	9.58	8.50	10.50	13.90	13.01
20		16.90	10.58	9.50	11.50	14.90	14.01
22		17.90	11.58	10.50	12.50	15.90	15.01
24	8.12A0.024200	18.90	12.58	11.50	13.50	16.90	16.01
26		19.90	13.58	12.50	14.50	17.90	17.01
28		20.90	14.58	13.50	15.50	18.90	18.01
30		21.90	15.58	14.50	16.50	19.90	19.01
32		22.90	16.58	15.50	17.50	20.90	20.01
34		23.90	17.58	16.50	18.50	21.90	21.01
35		24.40	18.08	17.00	19.00	22.40	21.51
36		24.90	18.58	17.50	19.50	22.90	22.01
40		26.90	20.58	19.50	21.50	24.90	24.01
42		27.90	21.58	20.50	22.50	25.90	25.01
45		29.40	23.08	22.00	24.00	27.40	26.51
50		31.90	25.58	24.50	26.50	29.90	29.01
52		32.90	26.58	25.50	27.50	30.90	30.01
54		33.90	27.58	26.50	28.50	31.90	31.01
55		34.40	28.08	27.00	29.00	32.40	31.51
60		36.90	30.58	29.50	31.50	34.90	34.01

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





RECOMMENDED FFC/FPC DIM.

MARK	DESCRIPTION	DATE	REVISED	APPROVED
ΔX				
ΔX				
ΔX				

REVISIONS

ANGLAR	±5°
L≤ 4	±0.2
4<L≤ 16	±0.3
16<L≤ 63	±0.4
L> 63	±0.5

UNSPECIFIED TOLERANCES

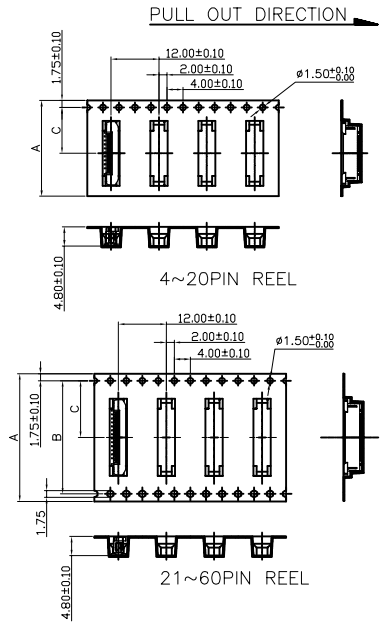
www.hiemi.cn

HIEMI TECHNOLOGY CO., LTD

DSND		SCALE: N/A	0.5MM FFC/FPC VERTICAL TYPE CONNECTOR
DWN		VIEW:	PART NO.: 8.12A0.***200
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

WEIGHT	SHEET	REVISION
	1/1	A0

RoHS

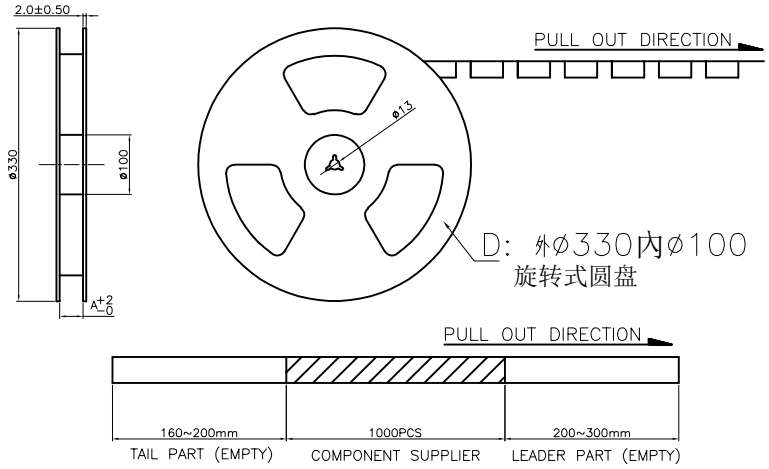


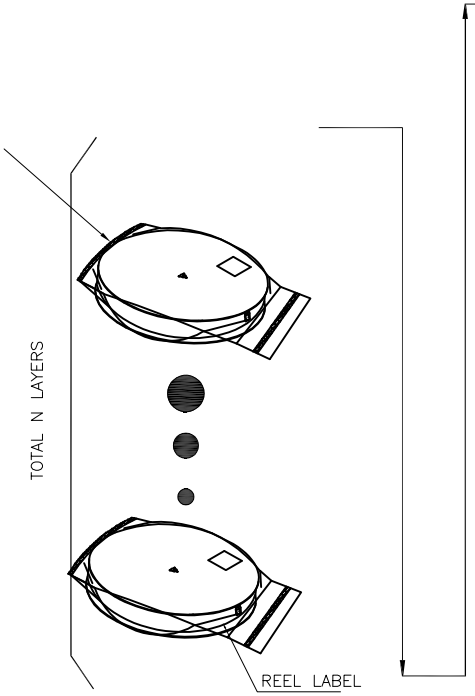
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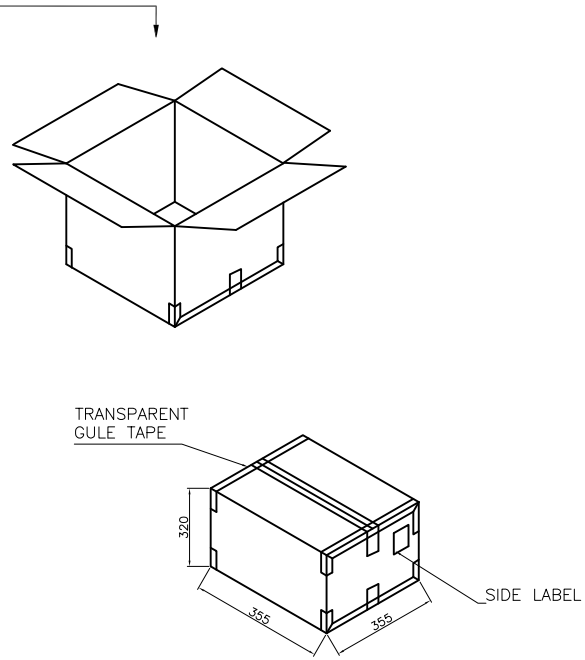
1. MATERIAL:
   - 1.1 CARRY TAPE:HIPS,T=0.30±0.05mm,CLEAR
   - 1.2 REEL:HIPS,
   - 1.3 SHIM:PE,CLEAR.
2. PRIMARY PACKING:1000PCS/REEL.
3. SECONDARY PACKING:SEE PACKING LIST
4. PEELING RESISTANCE: 0.2~1.3N(20~130gf); PEELING ANGLE: 165°~180°; PEELING SPEED: 300mm/minutes.

5. QTY. LIST:

NO. OF POS.	A	B	C	PCS/REEL
4~20 PIN	24.0	\	11.5	1000
21~30 PIN	32.0	28.4	14.2	1000
31~50 PIN	44.0	40.4	20.2	1000
51~60 PIN	56.0	52.4	26.2	1000







					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

HIEMI TECHNOLOGY CO., LTD

DSND		SCALE: N/A	0.5MM FFC/FPC VERTICAL TYPE CONNECTOR PACKAGE SPEC
DWN		VIEW:	PART NO.: 8.12A0.***200
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

WEIGHT	SHEET	REVISION
	1/1	A0