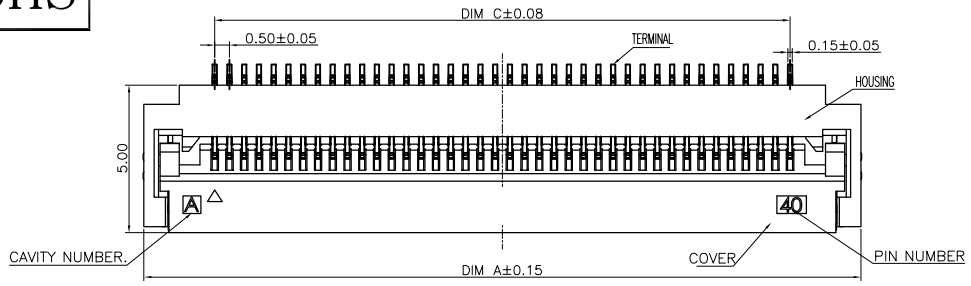
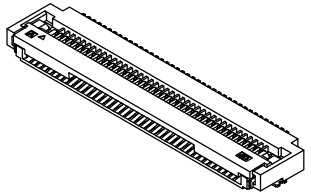
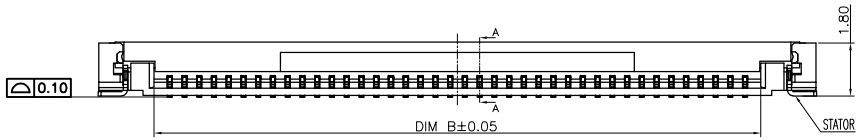
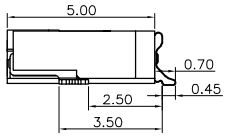
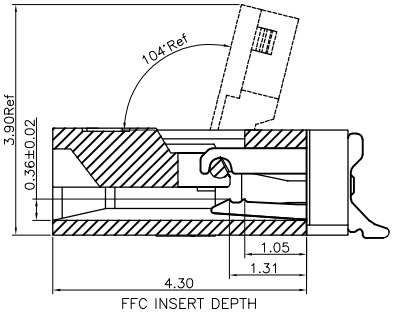
RoHS



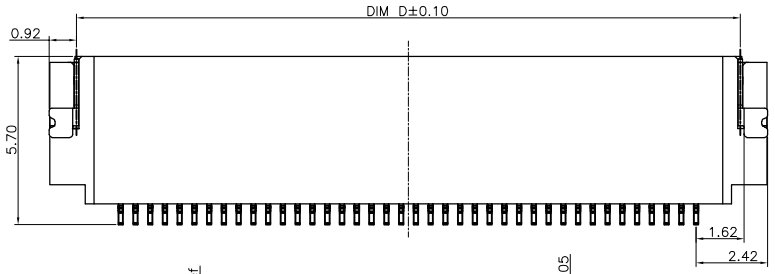


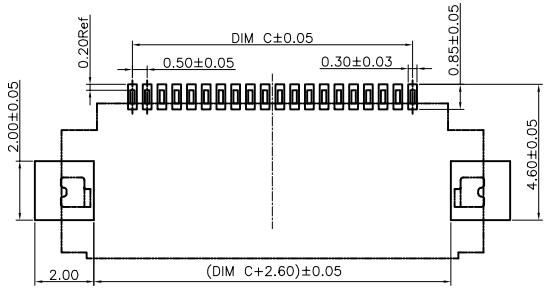






SECTION: A–A
SCALE: 2:1





RECOMMENDED PCB LAYOUT

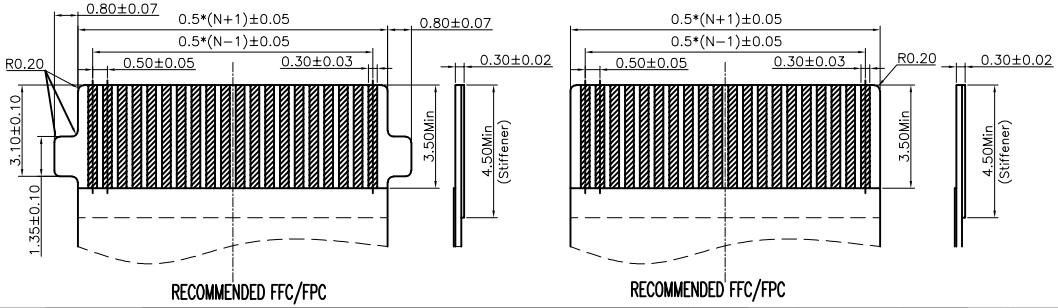
1. PART NO. LEGEND:

8.15A0 . *** 2 0 0
① ② ③④⑤

①.SERIES NAME:8.15A0=0.5MM FFC/FPC SWING COVER CONNECTOR (H=1.8mm)
②.CONTACT PIN NUMBER:***=CONTACT PIN NUMBER
③.CONTACT AREA PLATING SPEC: PART GOLD PLATING;2=1~3u";3=5u";4=10u";5=15u"
SOLDER AREA PLATING SPEC: PART 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℃~+85℃
OPERATING HUMIDITY RANGE: 20% TO 85%

Pin No.	P/N	DIM A	DIM B	DIM C	DIM D
4	8.15A0.004200	6.30	2.56	1.50	4.50
6	8.15A0.006200	7.30	3.56	2.50	5.50
8	8.15A0.008200	8.30	4.56	3.50	6.50
10	8.15A0.010200	9.30	5.56	4.50	7.50
12	8.15A0.012200	10.30	6.56	5.50	8.50
20	8.15A0.020200	14.30	10.56	9.50	12.50
24	8.15A0.024200	16.30	12.56	11.50	14.50
30	8.15A0.030200	19.30	15.56	14.50	17.50
34	———	2130	17.56	16.50	19.50
40	8.15A0.040200	24.30	20.56	19.50	22.50
41	———	24.80	21.06	20.00	23.00
42	8.15A0.042200	25.30	21.56	20.50	23.50
45	8.15A0.045200	26.80	23.06	22.00	25.00
50	8.15A0.050200	29.30	25.56	24.50	27.50
51	———	29.80	26.06	25.00	28.00
54	8.15A0.054200	31.30	27.56	26.50	29.50
55	8.15A0.055200	31.80	28.06	27.00	30.00
56	8.15A0.056200	32.30	28.56	27.50	30.50
60	8.15A0.060200	34.30	30.56	29.50	32.50
61	———	34.80	31.06	30.00	33.00
64	8.15A0.064200	36.30	32.56	31.50	34.50
65	———	36.80	33.06	32.00	35.00
68	8.15A0.068200	38.30	34.56	33.50	36.50
70	———	39.30	35.56	34.50	37.50
71	———	39.80	36.06	35.00	38.00
75	———	41.80	38.06	37.00	40.00
80	8.15A0.080200	44.30	40.56	39.50	42.50
81	———	44.80	41.06	40.00	43.00
85	———	46.80	43.06	42.00	45.00
90	———	49.30	45.56	44.50	47.50
95	———	51.80	48.06	47.00	50.00
96	8.15A0.096200	52.30	48.56	47.50	50.50
100	8.15A0.100200	54.30	50.56	49.50	52.50
120	8.15A0.120200	64.30	60.56	59.50	62.50



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

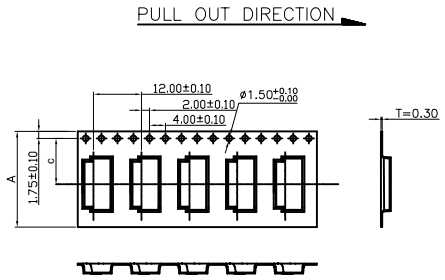
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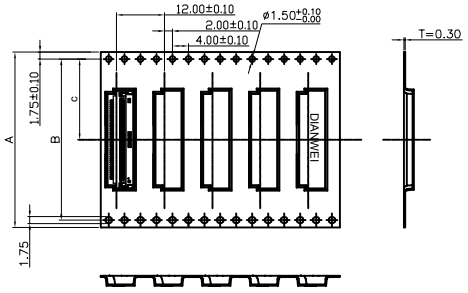
DSND		SCALE: N/A	0.5MM FFC/FPC SWING COVER CONNECTOR(H=1.8mm)
DWN		VIEW:	PART NO.: 8.15A0.***200
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

WEIGHT	SHEET	REVISION
	1/1	A0

RoHS



10~23PIN REEL



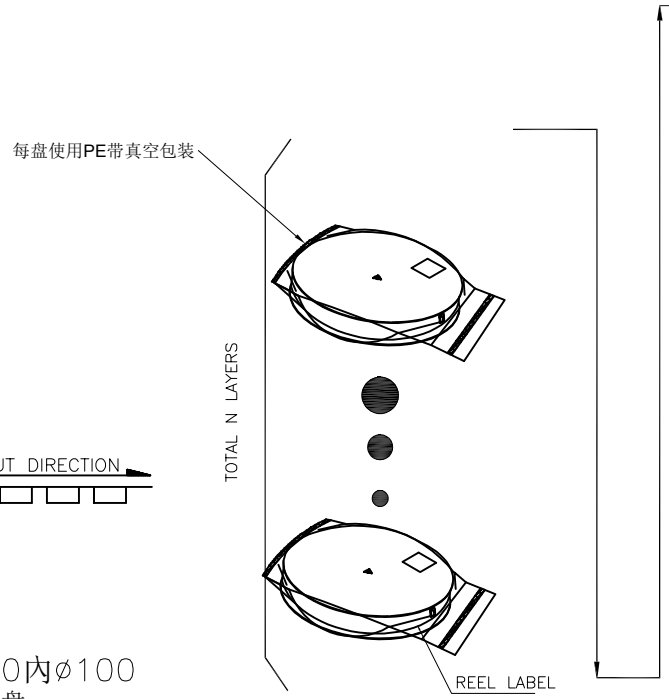
24~128PIN REEL

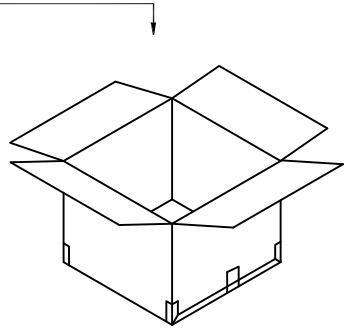
NOTES:

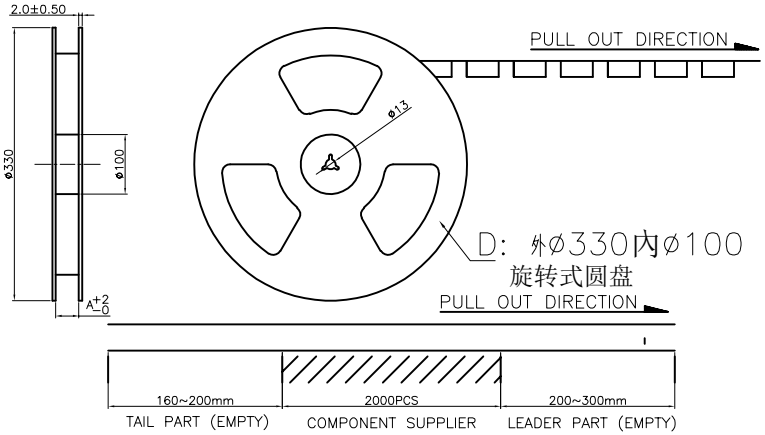
1. MATERIAL:
   - 1.1 CARRY TAPE:HIPS,T=0.30±0.05mm,CLEAR
   - 1.2 REEL:HIPS,
   - 1.3 SHIM:PE,CLEAR.
2. PRIMARY PACKING:2000PCS/REEL.
3. SECONDARY PACKING:SEE PACKING LIST
4. PEELING RESISTANCE: 0.2~1.5N(20~150gf); PEELING ANGLE: 165°~180°; PEELING SPEED: 300mm/minutes.

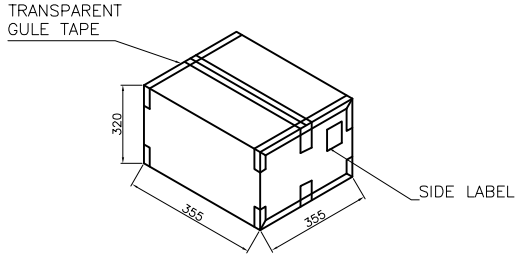
5. QTY. LIST:

NO. OF POS.	A	B	C	PCS/REEL
4~ 8 PIN	16.0		7.5	2000
10~23 PIN	24.0		11.5	2000
24~34 PIN	32.0	28.4	14.2	2000
35~54 PIN	44.0	40.4	20.2	2000
55~76 PIN	56.0	52.4	26.2	2000
77~104 PIN	72.0	68.4	34.2	2000
105~128 PIN	88.0	84.4	42.2	2000









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

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DSND		SCALE: N/A	0.5MM FFC/FPC SWING COVER CONNECTOR (H=1.8mm) PACKAGE SPEC
DWN		VIEW:	PART NO.: 8.15A0.***200
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

WEIGHT	SHEET	REVISION
	1/1	A0