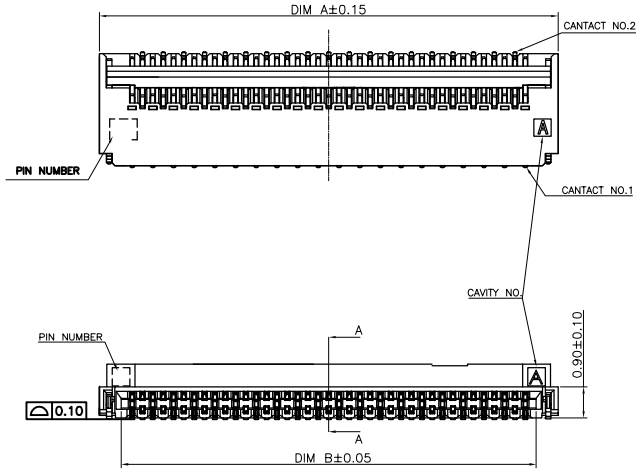
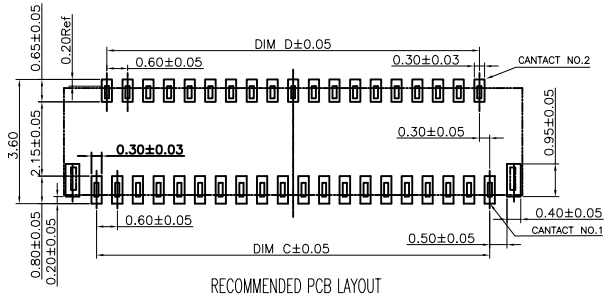
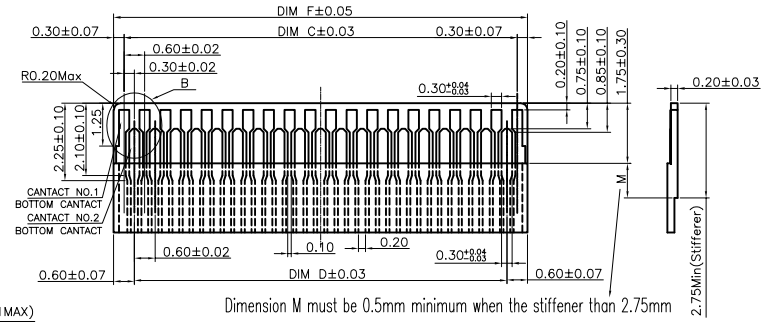
RoHS



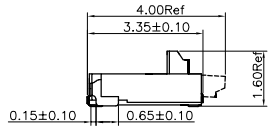


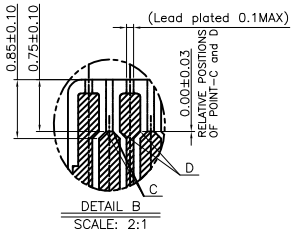
RECOMMENDED PCB LAYOUT



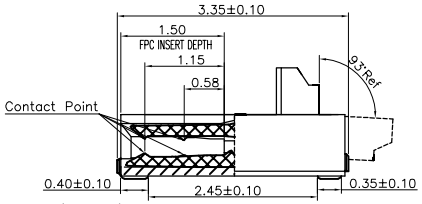
Dimension M must be 0.5mm minimum when the stiffener than 2.75mm

RECOMMENDED FPC

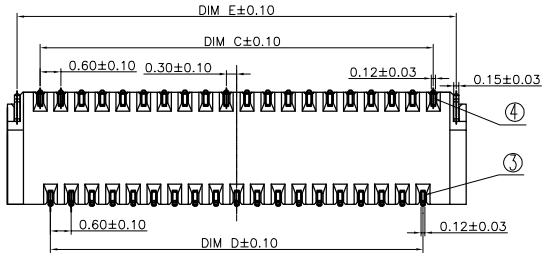




DETAIL B
SCALE: 2:1



SECTION: A–A
SCALE: 2:1



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

8.03A0 . *** 2 * *
① ② ③ ④ ⑤

①.SERIES NAME:8.03A0=0.3MM FFC/FPC DUAL CONTACT SIDE CONNECTOR (H=0.9mm)
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=PPS
⑤.UNSPECIFIED:0=NONSENSE

3. PERFORMANCE:
3.1: CURRENT RATING: 0.2A/PIN.
3.2: VOLTAGE RATING: 30V (AC/DC).
3.3: CONTACT RESISTANCE: INITIAL VALUE 100mOHM Max,
3.4: INSULATION RESISTANCE: 50MOHM Min.
3.5: DIELECTRIC WITHSTANDING VOLTAGE: 100V 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
9	8.03A0.0092*0	4.30	3.03	2.40	1.80	3.73	3.00
11	8.03A0.0112*0	4.90	3.63	3.00	2.40	4.33	3.60
13	8.03A0.0132*0	5.50	4.23	3.60	3.00	4.93	4.20
15	8.03A0.0152*0	6.10	4.83	4.20	3.60	5.53	4.80
17	8.03A0.0172*0	6.70	5.43	4.80	4.20	6.13	5.40
19	8.03A0.0192*0	7.30	6.03	5.40	4.80	6.73	6.00
21	8.03A0.0212*0	7.90	6.63	6.00	5.40	7.33	6.60
23	8.03A0.0232*0	8.50	7.23	6.60	6.00	7.93	7.20
25	8.03A0.0252*0	9.10	7.83	7.20	6.60	8.53	7.80
27	8.03A0.0272*0	9.70	8.43	7.80	7.20	9.13	8.40
31	8.03A0.0312*0	10.90	9.63	9.00	8.40	10.33	9.60
33	8.03A0.0332*0	11.50	10.23	9.60	9.00	10.93	10.20
35	8.03A0.0352*0	12.10	10.83	10.20	9.60	11.53	10.80
37	———	12.70	11.43	10.80	10.20	12.13	11.40
39	8.03A0.0392*0	13.30	12.03	11.40	10.80	12.73	12.00
41	8.03A0.0412*0	13.90	12.63	12.00	11.40	13.33	12.60
45	8.03A0.0452*0	15.10	13.83	13.20	12.60	14.53	13.80
49	———	16.30	15.03	14.40	13.80	15.73	15.00
51	8.03A0.0512*0	16.90	15.63	15.00	14.40	16.33	15.60
57	8.03A0.0572*0	18.70	17.43	16.80	16.20	18.13	17.40
61	8.03A0.0612*0	19.90	18.63	18.00	17.40	19.33	18.60

NO.	COMPONENTS	MATERIALS	FINISH/COLOR SPECIFICATION	QUANTITY
5	STATOR	PHOSPHOR BRONZE		2
4	TERMINAL II	PHOSPHOR BRONZE		POSITIONS
3	TERMINAL I	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				

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

REVISIONS

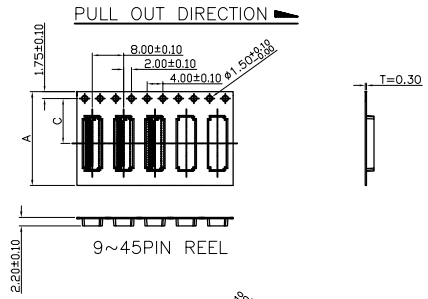
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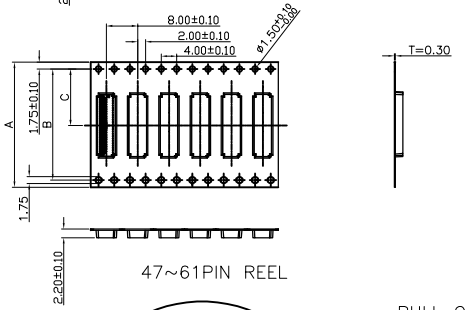
DSND		SCALE: N/A	0.3mm FFC/FPC DUAL CONTACT SIDE CONNECTOR (H=0.9mm)
DWN		VIEW:	PART NO.: 8.03A0.***2*0
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

HIEMI TECHNOLOGY CO., LTD

WEIGHT	SHEET	REVISION
	1/1	A0

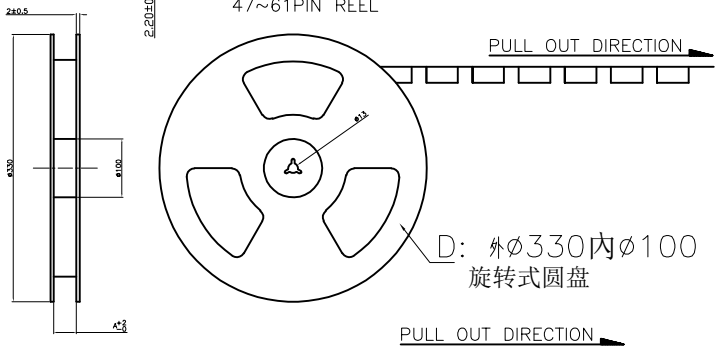
RoHS

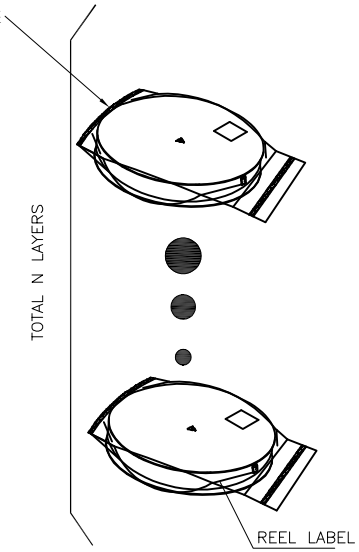


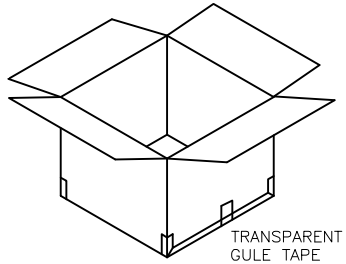


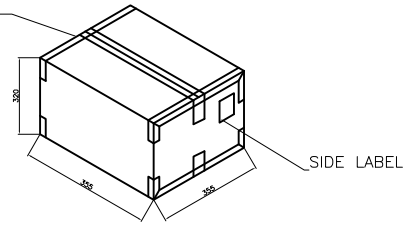
NOTES:

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: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
9~19 PIN	16.0	\	7.5	3000
21~45 PIN	24.0	\	11.5	3000
47~61 PIN	32.0	28.4	14.2	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

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DSND		SCALE: N/A	0.3MM FFC/FPC DUAL CONTACT SIDE CONNECTOR (H=0.9mm) PACKAGE SPEC
DWN		VIEW:	PART NO.: 8.03A0.***2*0
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

WEIGHT	SHEET	REVISION
	1/1	A0