REV	MODIFICATION	DRAWN	APPROVED

ORDERING CODE

JF 5 1 - 1 X X - X 2 2 X - X

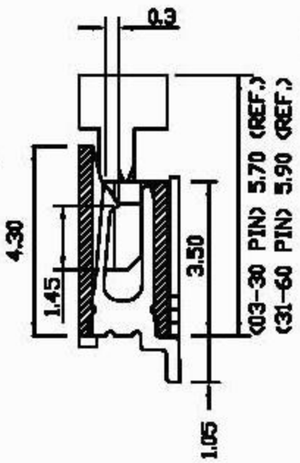
- JF 5 1 — FFC\FPC, PITCH 0.5mm, HORIZONTAL
- 1 — CONTACT TYPE: 1:UPPER CONTACT
- X X — NO. OF CONTACTS: 03–60 PIN
- X — HOUSING & ACTUATOR MATERIALS: 5:HOUSING PA-46, ACTUATOR PPS (BLACK) UL 94V-0
- 2 — TAIL LENGTH: 2:TAIL LENGTH 1.05mm.
- 2 — HOLDDOWN TYPE: 2:HOLDDOWN TYPE 2.
- X — PACKING TYPE: 1:TUBE, 2:REEL
- X — PLANTING:
  - 1: BRIGTE TIN 100u" MIN, OVER 50u"MIN NI ON CONTACT
  - 2: GOLD FLASH
  - 3: Au 3u"
  - 4: Au 5u"
  - A: MATTE TIN 100u" MIN, OVER 50u"MIN NI ON CONTACT

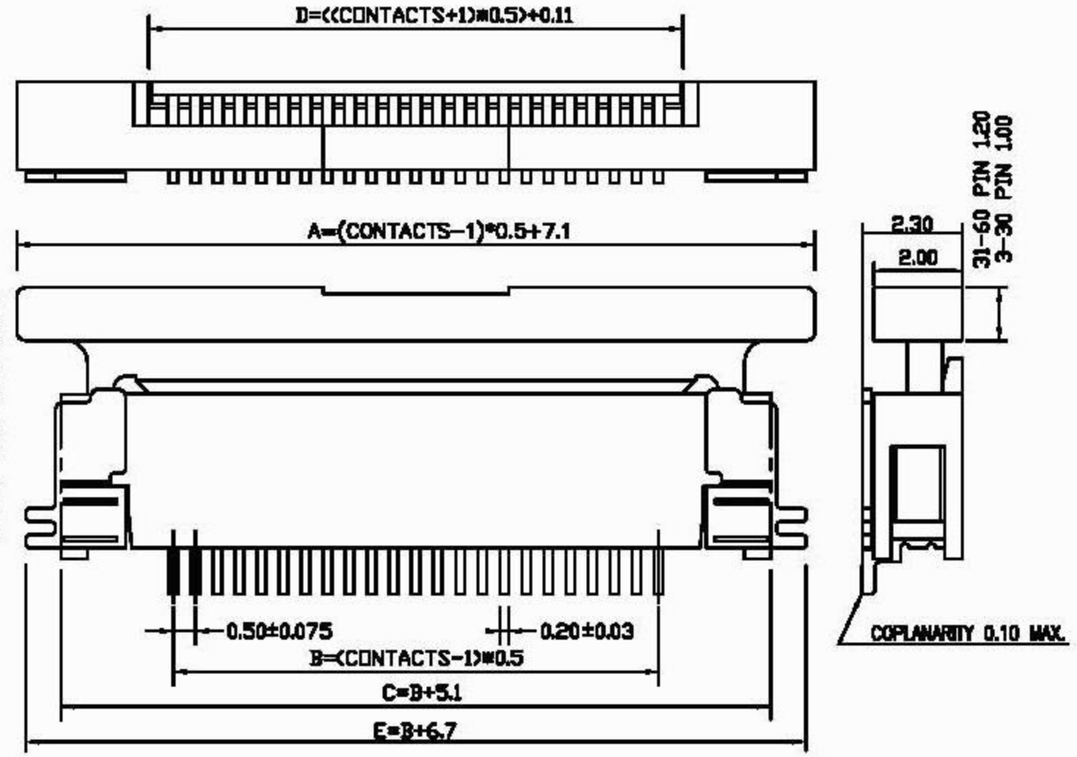
FEATURE AND SPECIFICATIONS

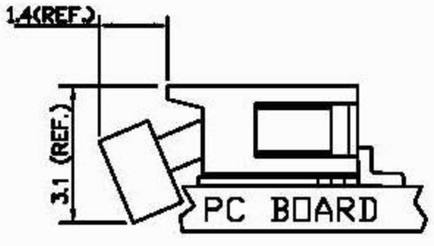
SIZES 03 TO 60 PIN.
FOR 0.3mm THICKNESS FFC/FPC.
VOLTAGE: 50V MAX.
CURRENT: 0.5A MAX.
CONTACT RESISTANCE: 20 milliohms MAX.
INSULATION RESISTANCE: 50 Megohms MIN.
DIELECTRIC WITHSTANDING VOLTAGE: 250V AC.
TEMPERATURE: −40℃ TO 85℃

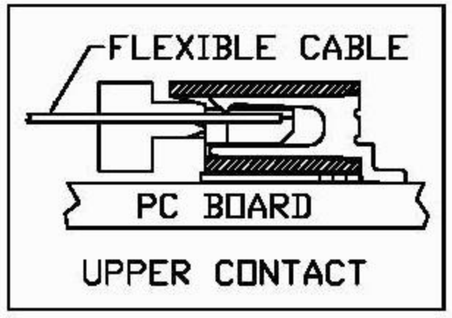
MATERIAL AND FINISH

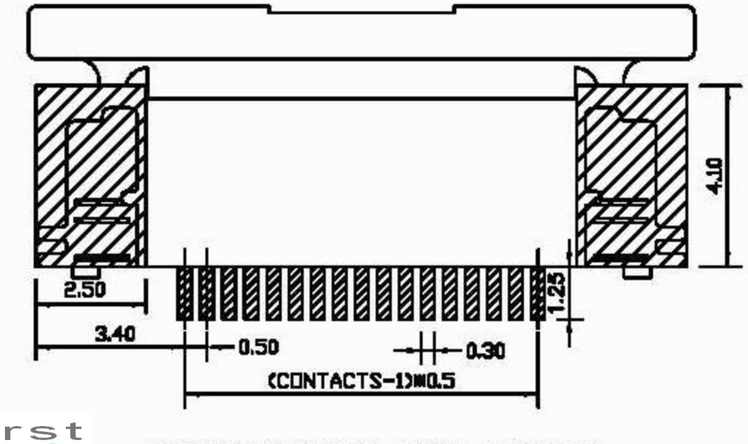
HOUSING: HIGH−TEMP. THERMOPLASTIC. UL 94V−0.
ACTUATOR: HIGH−TEMP. THERMOPLASTIC. UL 94V−0.
CONTACT: SEE ORDERING CODE
HOLDDOWN: BRASS. PLATING: Tin 100u", over Ni50u"



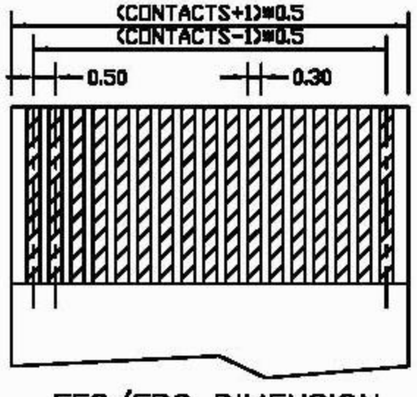








RECOMMENDED PCB LAYOUT



FFC/FPC DIMENSION
THICKNESS 0.30 mm

.X±0.20	.X±	單位 MM	料號 JF51−1XX−X22X−X	諱銓科技有限公司
.XX±0.15	.XX±	材質		名稱 TITLE: ZIF FPC 0.5mm SMT CONN. HORIZONTAL SIDE ENTRY TYPE
.XXX±0.10	.XXX±	處理	日期 2007.03.05	圖號 DWG NO.: JF51−1XX−X22X−X
		數量	審核	SCALE 5:1 / SHEET 1/1 / REV. A
			製圖 DANIEL	

first FC components

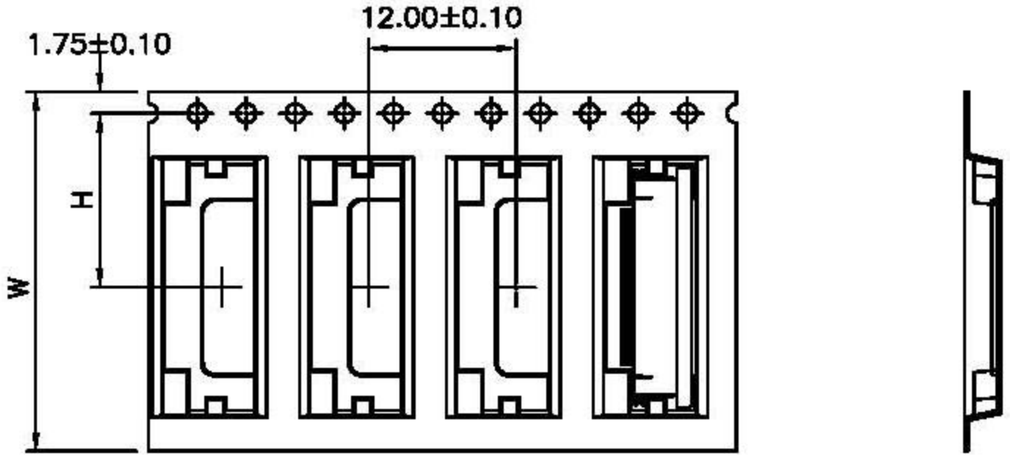
更改 REV	修改內容 MODIFICATION	修改 DRAWN	核准 APPROVED

PIN	A	B	C	D	E	PIN	A	B	C	D	E
3	8.10	1.00	6.10	2.11	7.70	31	22.10	15.00	20.10	16.11	21.70
4	8.60	1.50	6.60	2.61	8.20	32	22.60	15.50	20.60	16.61	22.20
5	9.10	2.00	7.10	3.11	8.70	33	23.10	16.00	21.10	17.11	22.70
6	9.60	2.50	7.60	3.61	9.20	34	23.60	16.50	21.60	17.61	23.20
7	10.10	3.00	8.10	4.11	9.70	35	24.10	17.00	22.10	18.11	23.70
8	10.60	3.50	8.60	4.61	10.20	36	24.60	17.50	22.60	18.61	24.20
9	11.10	4.00	9.10	5.11	10.70	37	25.10	18.00	23.10	19.11	24.70
10	11.60	4.50	9.60	5.61	11.20	38	25.60	18.50	23.60	19.61	25.20
11	12.10	5.00	10.10	6.11	11.70	39	26.10	19.00	24.10	20.11	25.70
12	12.60	5.50	10.60	6.61	12.20	40	26.60	19.50	24.60	20.61	26.20
13	13.10	6.00	11.10	7.11	12.70	41	27.10	20.00	25.10	21.11	26.70
14	13.60	6.50	11.60	7.61	13.20	42	27.60	20.50	25.60	21.61	27.20
15	14.10	7.00	12.10	8.11	13.70	43	28.10	21.00	26.10	22.11	27.70
16	14.60	7.50	12.60	8.61	14.20	44	28.60	21.50	26.60	22.61	28.20
17	15.10	8.00	13.10	9.11	14.70	45	29.10	22.00	27.10	23.11	28.70
18	15.60	8.50	13.60	9.61	15.20	46	29.60	22.50	27.60	23.61	29.20
19	16.10	9.00	14.10	10.11	15.70	47	30.10	23.00	28.10	24.11	29.70
20	16.60	9.50	14.60	10.61	16.20	48	30.60	23.50	28.60	24.61	30.20
21	17.10	10.00	15.10	11.11	16.70	49	31.10	24.00	29.10	25.11	30.70
22	17.60	10.50	15.60	11.61	17.20	50	31.60	24.50	29.60	25.61	31.20
23	18.10	11.00	16.10	12.11	17.70	51	32.10	25.00	30.10	26.11	31.70
24	18.60	11.50	16.60	12.61	18.20	52	32.60	25.50	30.60	26.61	32.20
25	19.10	12.00	17.10	13.11	18.70	53	33.10	26.00	31.10	27.11	32.70
26	19.60	12.50	17.60	13.61	19.20	54	33.60	26.50	31.60	27.61	33.20
27	20.10	13.00	18.10	14.11	19.70	55	34.10	27.00	32.10	28.11	33.70
28	20.60	13.50	18.60	14.61	20.20	56	34.60	27.50	32.60	28.61	34.20
29	21.10	14.00	19.10	15.11	20.70	57	35.10	28.00	33.10	29.11	34.70
30	21.60	14.50	19.60	15.61	21.20	58	35.60	28.50	33.60	29.61	35.20
						59	36.10	29.00	34.10	30.11	35.70
						60	36.60	29.50	34.60	30.61	36.20

.X±0.20	.X±	單位 MM	料號 JF51-XXX-X22X-1	諱銓科技有限公司
.XX±0.15	.XX±	材質		名稱 TITLE: ZIF FPC 0.5mm SMT CONN. HORIZONTAL
.XXX±0.10	.XXX±	處理	日期 2007.03.05	圖號 DWG NO.: JF51-XXX-X22X-1
		數量	審核	SCALE: 5:1 / SHEET: 2/2 / REV.: A
			製圖 GAVIN	

REV	MODIFICATION	DRAWN	APPROVED

03 PIN-20 PIN



CARRIER TAPE PART NUMBER

R F 5 1 - X X

PRODUCT TYPE

F51 = FPC 0.5mm HORIZONTAL

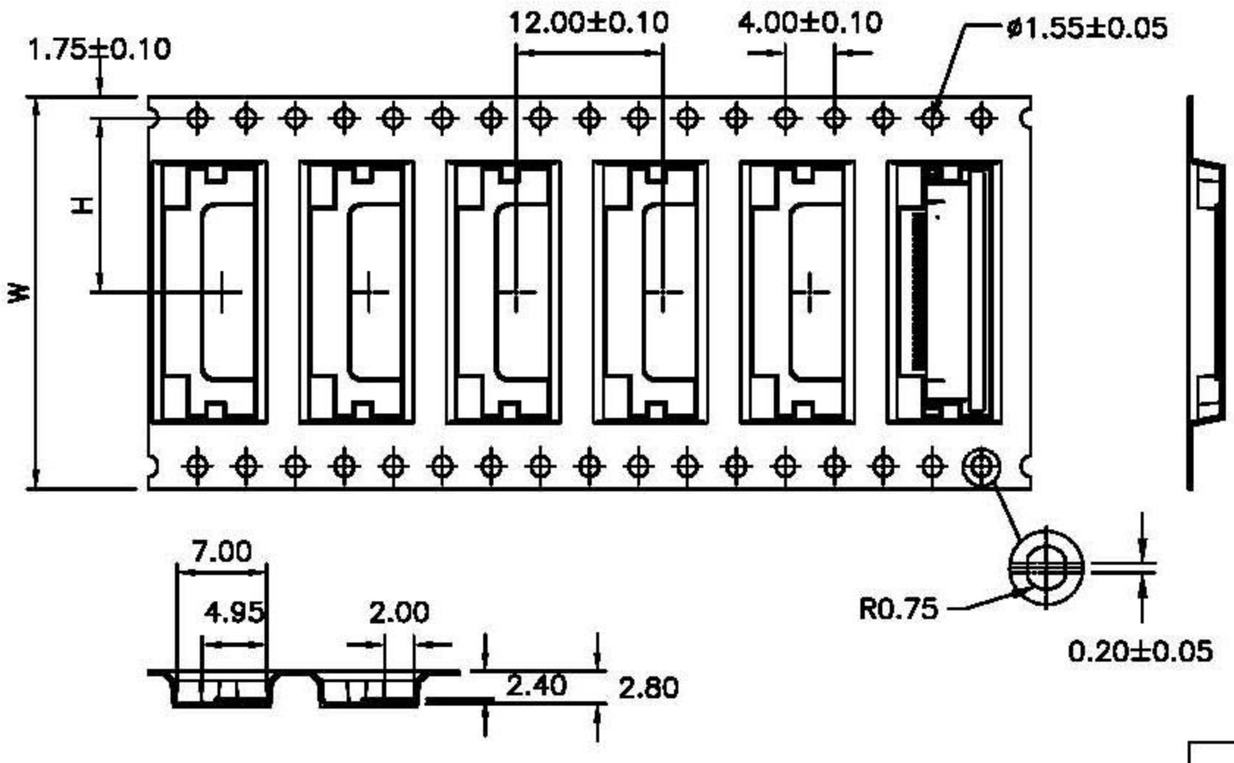
NO. OF CONTACT

03 = 03 PIN.

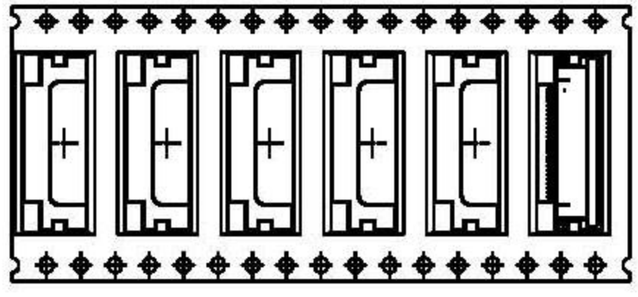
:

60 = 60 PIN.

21 PIN-60 PIN



USER DIRECTION OF FEED ⇨



PIN= XX	03 — 04	05 — 20	21 — 30	31 — 50	51 — 60
W±0.30	16.00	24.00	32.00	44.00	56.50
H±0.10	7.50	11.50	14.20	20.20	26.20

1. 10 sprocket hole pitch cumulative tolerance ±0.20 .
2. Carrier camber is within 1 mm in 250mm.
3. Material : Black Conductive Polystyrene Alloy (UP-6100).
4. All dimensions meet EIA-481-B requirements.
5. Thickness : 0.35±0.05mm.
6. Packing length per 22" reel : 75.0 Meters.
7. Components load per 13" reel : 2000 pcs.

.XX±0.15	.XX±	單位 MM	料號 RF51-XX	諱銓科技有限公司
.XXX±0.10	.XXX±	材質		名稱 TITLE CARRIER TAPE FPC 0.5mm HORIZONTAL TYPE
		廠型	日期 2002.11.16	圖號 DWG NO. RF51-XX
		數量	審核	SCALE 1/1 · SHEET 1/1 · REV. X2
			製圖 DANIEL	