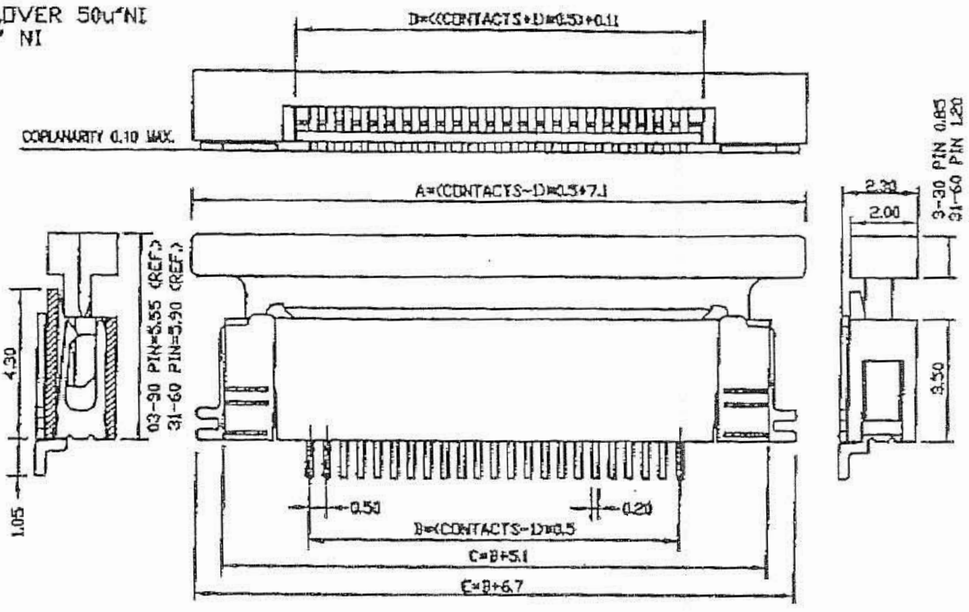
REV	MODIFICATION	DRAWN	APPROVED

ORDERING CODE

F51-XXX-X22X-1

- FFC\FPC
- PITCH 0.5mm
- HORIZONTAL
- CONTACT TYPE
  2:LOWER CONTACT
- NO. OF CONTACTS
  03-60 PIN
- HOUSING & ACTUATOR MATERIALS
  5:HOUSING PA-46, ACTUATOR PPS (BLACK)UL 94V-0
  6:HOUSING PA-46, ACTUATOR PPS (BROWN)UL 94V-0
- TAIL LENGTH
  2:TAIL LENGTH 1.05mm.
- HOLDDOWN TYPE
  2:HOLDDOWN TYPE 2.
- PACKING TYPE
  1:TUBE
  2:REEL
- PLANTING
  NONE: 100u" TIN/LEAD,OVER 50u"NI
  1: 100u" TIN,OVER 50u" NI

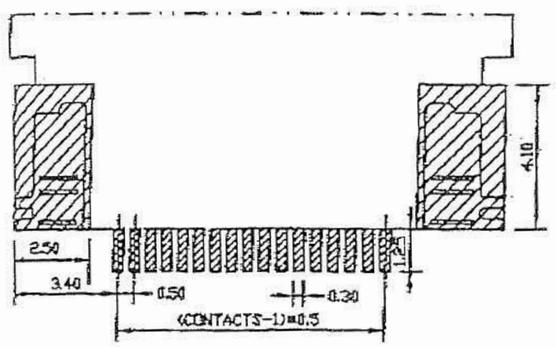


FEATURE AND SPECIFICATIONS

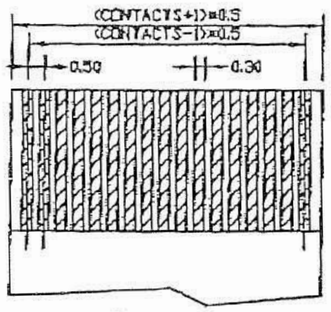
SIZES 03 TO 60 PIN.
FOR 0.3mm THICKNESS FFC/FPC.
VOLTAGE:50V MAX.
CURRENT:0.5A MAX.
CONTACT RESISTANCE:20 milliohms MAX.
INSULATION RESISTANCE:50 Megohms MIN.
DIELECTRIC WITHSTANDING VOLTAGE:250V AC.
TEMPERATURE:-40°C TO 85°C

MATERIAL AND FINISH

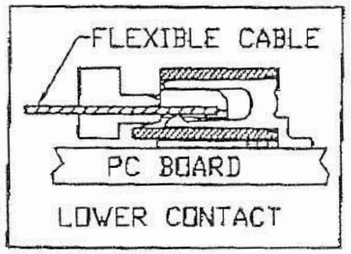
HOUSING:HIGH-TEMP. THERMOPLASTIC. UL 94V-0.
ACTUATOR:HIGH-TEMP. THERMOPLASTIC. UL 94V-0.
CONTACT:PHOSPHOR BRONZE. PLATING:TIN/LEAD.
HOLDDOWN:BRASS. PLATING:TIN/LEAD.



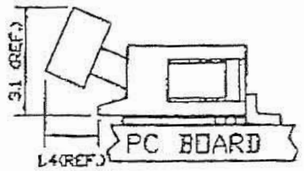
RECOMMENDED PCB LAYOUT



FFC/FPC DIMENSION
THICKNESS 0.30 mm



LOWER CONTACT



.X±0.20	.X±	單位MM	料號 F51-2XX-X22X-1
.XX±0.15	.XX±	材質	
.XXX±0.10	.XXX±	處理	日期 2002.12.13
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			製圖 CAVIN

名稱 TITLE	ZIF FPC 0.5mm SMT CONN. HORIZONTAL LOWER CONTACT TYPE		
圖號 DWG NO.	F51-2XX-X22X-1		
	SCALE	SHEET	REV.
	S1	1/2	A

first FC components

更改 REV	修改內容 MODIFICATION	修改 DRAWN	核准 APPROVED

PIN	A	B	C	D	E
3	8.10	1.00	6.10	2.11	7.70
4	8.60	1.50	6.60	2.61	8.20
5	9.10	2.00	7.10	3.11	8.70
6	9.60	2.50	7.60	3.61	9.20
7	10.10	3.00	8.10	4.11	9.70
8	10.60	3.50	8.60	4.61	10.20
9	11.10	4.00	9.10	5.11	10.70
10	11.60	4.50	9.60	5.61	11.20
11	12.10	5.00	10.10	6.11	11.70
12	12.60	5.50	10.60	6.61	12.20
13	13.10	6.00	11.10	7.11	12.70
14	13.60	6.50	11.60	7.61	13.20
15	14.10	7.00	12.10	8.11	13.70
16	14.60	7.50	12.60	8.61	14.20
17	15.10	8.00	13.10	9.11	14.70
18	15.60	8.50	13.60	9.61	15.20
19	16.10	9.00	14.10	10.11	15.70
20	16.60	9.50	14.60	10.61	16.20
21	17.10	10.00	15.10	11.11	16.70
22	17.60	10.50	15.60	11.61	17.20
23	18.10	11.00	16.10	12.11	17.70
24	18.60	11.50	16.60	12.61	18.20
25	19.10	12.00	17.10	13.11	18.70
26	19.60	12.50	17.60	13.61	19.20
27	20.10	13.00	18.10	14.11	19.70
28	20.60	13.50	18.60	14.61	20.20
29	21.10	14.00	19.10	15.11	20.70
30	21.60	14.50	19.60	15.61	21.20
31	22.10	15.00	20.10	16.11	21.70

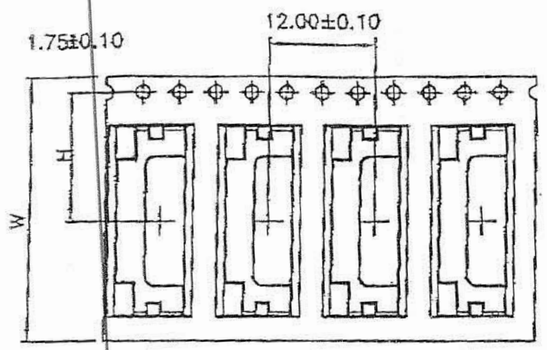
PIN	A	B	C	D	E
32	22.60	15.50	20.60	16.61	22.20
33	23.10	16.00	21.10	17.11	22.70
34	23.60	16.50	21.60	17.61	23.20
35	24.10	17.00	22.10	18.11	23.70
36	24.60	17.50	22.60	18.61	24.20
37	25.10	18.00	23.10	19.11	24.70
38	25.60	18.50	23.60	19.61	25.20
39	26.10	19.00	24.10	20.11	25.70
40	26.60	19.50	24.60	20.61	26.20
41	27.10	20.00	25.10	21.11	26.70
42	27.60	20.50	25.60	21.61	27.20
43	28.10	21.00	26.10	22.11	27.70
44	28.60	21.50	26.60	22.61	28.20
45	29.10	22.00	27.10	23.11	28.70
46	29.60	22.50	27.60	23.61	29.20
47	30.10	23.00	28.10	24.11	29.70
48	30.60	23.50	28.60	24.61	30.20
49	31.10	24.00	29.10	25.11	30.70
50	31.60	24.50	29.60	25.61	31.20
51	32.10	25.00	30.10	26.11	31.70
52	32.60	25.50	30.60	26.61	32.20
53	33.10	26.00	31.10	27.11	32.70
54	33.60	26.50	31.60	27.61	33.20
55	34.10	27.00	32.10	28.11	33.70
56	34.60	27.50	32.60	28.61	34.20
57	35.10	28.00	33.10	29.11	34.70
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 F51-2XX-X22X-1
.XX±0.15	.XX±	材質	
.XXX±0.10	.XXX±	處理	日期 2002.12.13
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		設計	製圖 GAVIN

名稱 TITLE	ZIF FPC 0.5mm SMT CONN. HORIZONTAL LOWER CONTACT TYPE		
圖號 DWG. NO.	F51-2XX-X22X-1		
	SCALE	SHEET	REV.
	5/1	2/2	A

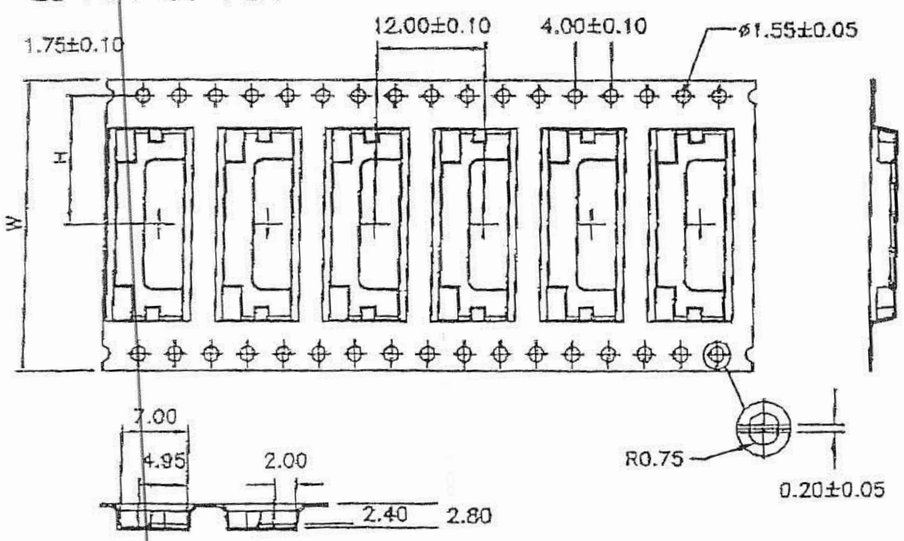
更改 REV	更改內容 MODIFICATION	繪 DRAWN	核准 APPROVED

03 PIN-20 PIN





21 PIN-50 PIN



CARRIER TAPE PART NUMBER

R F 5 1 - X X

PRODUCT TYPE

F51 = FPC 0.5mm HORIZONTAL

NO. OF CONTACT

03 = 03 PIN.

:

50 = 50 PIN.

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

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 : 35.0 Meters.
7. Components load per 13" reel : 900 pcs.

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		單位MM	料號 RF51-XX
.XX±0.15	.XX±	材質	
.XXX±0.10	.XX±		
		處理	日期 2002.12.03
		審核	
		審查	製圖 GAVIN

名稱 TITLE CARRIER TAPE FPC 0.5mm HORIZONTAL TYPE

圖號 DWG NO RF51-XX

SCALE	SHEET	REV.
1/1	1/1	X2