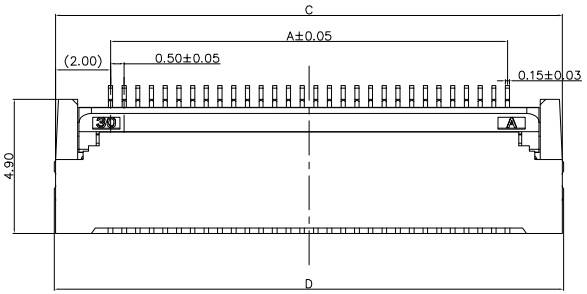
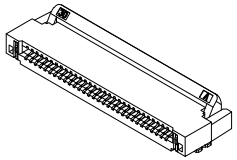
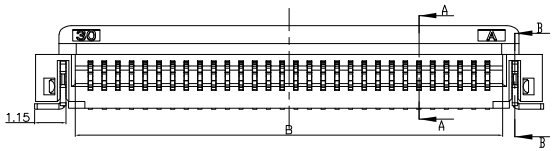
Rohs 2.0 Compliant | Pb Lead-free | HF

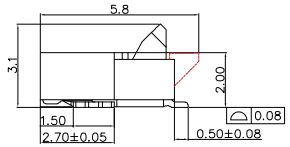
REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
A	/	NEW	2024.01.03	ERS	GONG	LEO



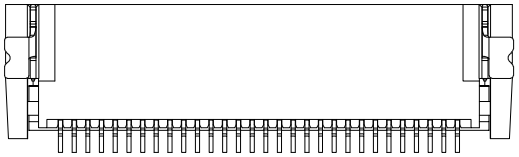


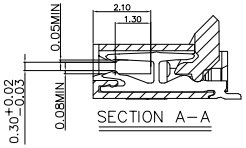
NOTES:
1. HOUSING: HIGH-TEMP THERMOPLASTIC, UL94V-0
   COLOR: NATURE
2. ACTUATOR: HIGH-TEMP THERMOPLASTIC, UL94V-0
   COLOR: BLACK
3. CONTACT: COPPER ALLOY
   PLATING: CONTACT AREA AND SOLDER AREA GOLD 1u"
   OVERALL NICKEL 50~120u" UNDER PLATED
4. RATED VOLTAGE: 50V AC/DC, RATED CURRENT : 0.5A AC/DC
   WITHSTAND VOLTAGE: 250V AC/MINUTE, CONTACT RESISTANCE: 50mΩ(MAX.)
   INSULATION VOLTAGE: 100mΩ(MIN.), TEMPERATURE RANGE: -25°C~+85°C



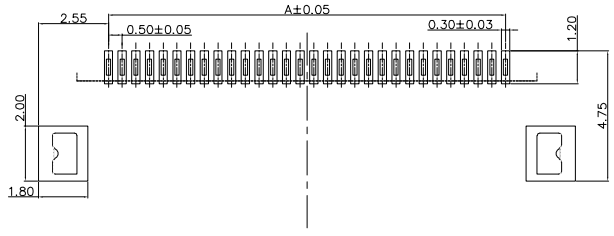


PART NO.
FC0117R XX A
└ Pin No
04=4Pin
10=10Pin
.....

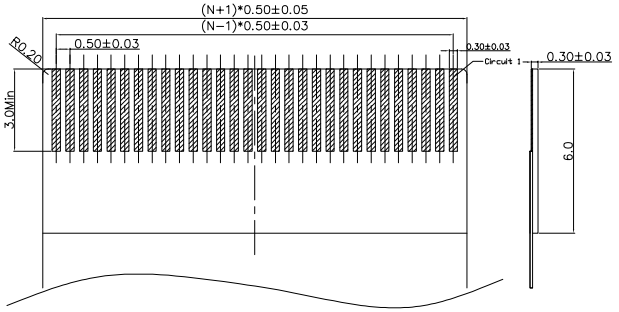




PIN NO.	DIM A	DIM B	DIM C	DIM D
4	1.50	2.60	5.50	5.60
6	2.50	3.60	6.50	6.60
8	3.50	4.60	7.50	7.60
10	4.50	5.60	8.50	8.60
12	5.50	6.60	9.50	9.60
14	6.50	7.60	10.50	10.60
20	9.50	10.60	13.50	13.60
24	11.50	12.60	15.50	15.60
26	12.50	13.60	16.50	16.60
30	14.50	15.60	18.50	18.60
32	15.50	16.60	19.50	19.60
36	17.50	18.60	21.50	21.60
40	19.50	20.60	23.50	23.60
45	22.00	23.10	26.00	26.10
50	24.50	25.60	28.50	28.60
60	29.60	30.60	33.50	33.60



RECOMMENDED PCB LAYOUT



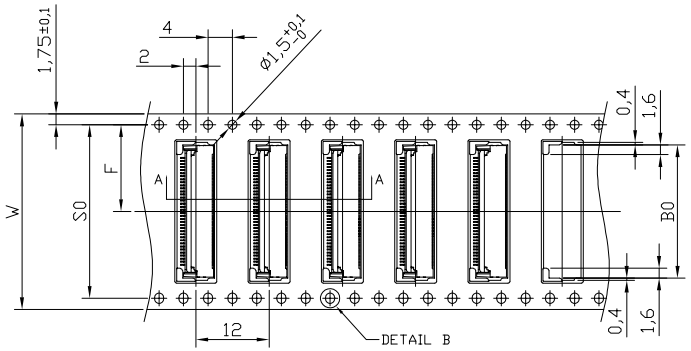
RECOMMENDED APPLICABLE FPC LAYOUT

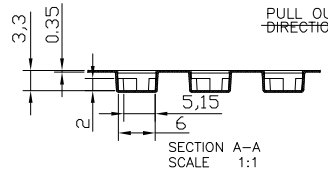
NO.	PART NAME	DESCRIPTION , REMARKS	NO.	PART NAME	DESCRIPTION , REMARKS
GENERAL	TOLERANCE	UNITS: mm	SCALE 1 : 1		
X. ± 0.30	X.° ± 5°	APRROVED	LEO		
.X ± 0.20	.X° ± 3°	CHECKED	GONG		
.XX ± 0.15	.XX° ± 2°	DESIGNED	ERS		

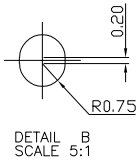
CPT 元精技术

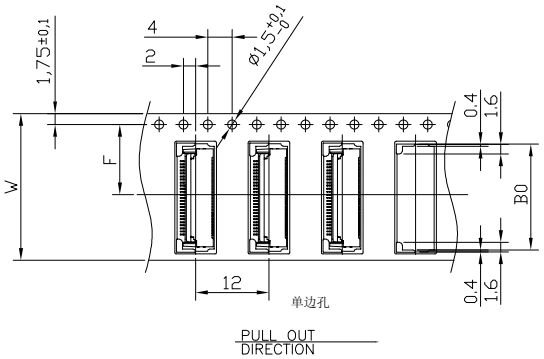
TITLE: FPC 0.5Pitch 2.0H ZIF R/A Connector
DRAWING NO. : C-FC0117R-1 A
PART NO. : SEE PART No
1/2

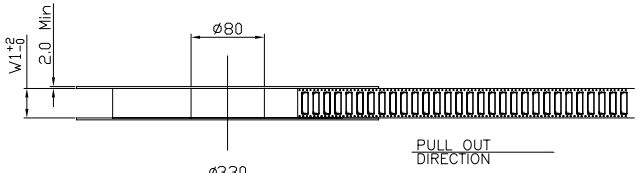
Rohs 2.0 Compliant | Pb Lead-free | HF

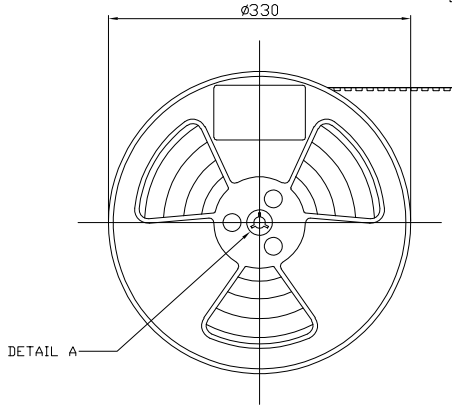


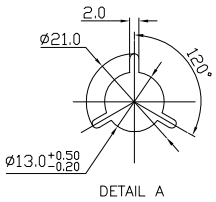




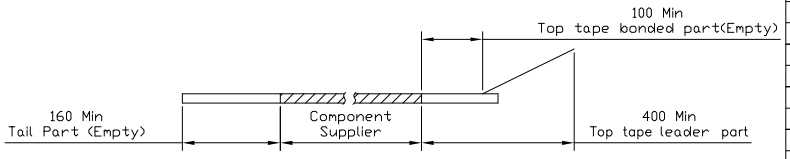


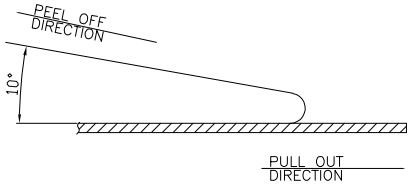






NOTES:
1. 10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE.±0.20mm
2. CARRIER CAMBER NOT TO EXCEED 1mm IN 250mm.
3. ALL DIMENSIONS MEET EIA-481-C REQUIREMENTS.
4. MATERIAL: BLACK ANTI-STATIC POLYSTYRENE.
5. THICKNESS: 0.35 ± 0.05 mm.
6. PACKING LENGTH PER 13" REEL : 18.60METERS.
7. COMPONENT LOAD PER 13" REEL : 1500PCS.
8. PEELING OFF FORCE OF TOP TAPE 0.1N~0.7N(10.2gf~71.4gf).





CKTS	B0±0.10	W	W1	F	S0±0.10
4	5.80	16+0.3/-0	16.4	7.5±0.10	/
5	6.30				
6	6.80				
7	7.30				
8	7.80				
9	8.30				
10	8.80	24+0.3/-0	24.4	11.5±0.10	
11	9.30				
12	9.80				
13	10.30				
14	10.80				
15	11.30				
16	11.80				
17	12.30				
18	12.80				
19	13.30				
20	13.80				
21	14.30				
22	14.80				
23	15.30				
24	15.80				
25	16.30				
26	16.80				
27	17.30	32±0.3	32.4	14.2±0.10	28.4
28	17.80				
29	18.30				
30	18.80				
31	19.30				
32	19.80				
33	20.30				
34	20.80				
35	21.30				
36	21.80				
37	22.30				
38	22.80	44±0.30	44.4	20.2±0.15	40.4
39	23.30				
40	23.80				
41	24.30				
42	24.80				
43	25.30				
44	25.80				
45	26.30				
46	26.80				
47	27.30				
48	27.80				
49	28.30				
50	28.80				
51	29.30				
52	29.80				
53	30.30				
54	30.80				
55	31.30				
56	31.80				
57	32.30	56±0.30	56.4	26.2±0.15	52.4
58	32.80				
59	33.30				
60	33.80				

CPT 元精技术

GENERAL	TOLERANCE	UNITS: mm	SCALE 1 : 1
X. ± 0.30	X.° ± 5°	APRROVED	LEO
.X ± 0.20	.X° ± 3°	CHECKED	GONG
.XX ± 0.15	.XX° ± 2°	DESIGNED	ERS

TITLE: FPC 0.5Pitch 2.0H ZIF R/A Connector
DRAWING NO. : C-FC0117R-1 A
PART NO. : SEE PART No 2/2