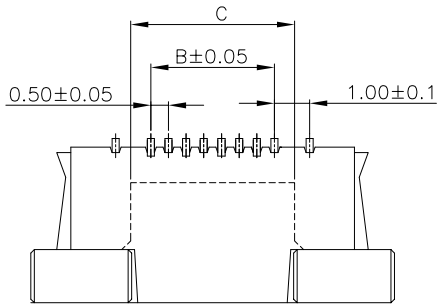
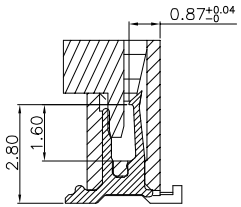
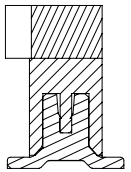
Rohs 2.0 Compliant | Pb Lead-free | HF

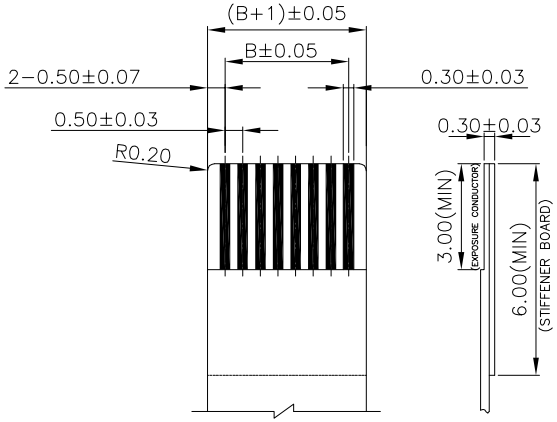
REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
A	/	NEW	2023.12.26	ERS	GONG	LEO



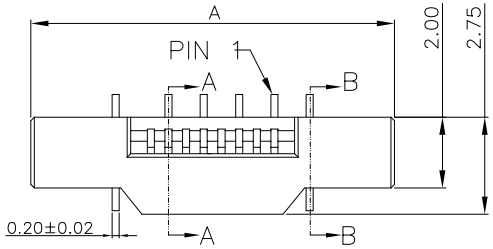


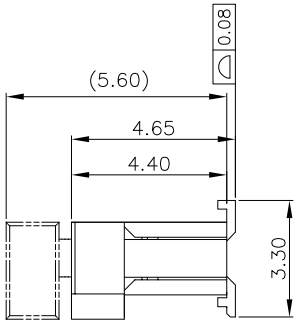
SECTION A–A

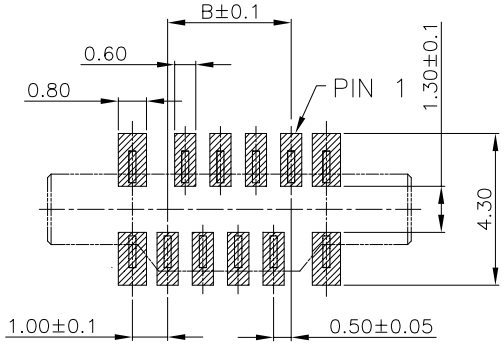

SECTION B–B



RECOMMENDED APPLICABLE FPC LAYOUT







RECOMMENDED P.C.BOARD PATTERN DIM.(REF)

NOTES:MATERIAL & FINISH
1.HOUSING:HIGH–TEMPERATURE THERMOPLASTIC UL94V–0
COLOR:BLACK
2.ACTUATOR:HIGH–TEMPERATURE THERMOPLASTIC UL94V–0
COLOR:WHITE
3.CONTACT:COPPER ALLOY.t=0.2mm
PLATING: PLATED TIN 100~160u", ALL PLATED NI 50~120u"
4.FITTING NAIL:COPPER ALLOY.t=0.2mm
PLATING:PLATED TIN 100~160u", ALL PLATED NI 50~120u"
5.RATED VOLTAGE: 50V AC/DC, RATED CURRENT : 0.5A AC/DC
WITHSTAND VOLTAGE: 200V AC/MINUTE, CONTACT RESISTANCE: 50mΩ(MAX.)
INSULATION VOLTAGE: 100mΩ(MIN.), TEMPERATURE RANGE: –25°C~+85°C

PART NO.
FC0116R XX A
└ Pin No
04=4Pin
10=10Pin
.....

PIN	A	B	C
*04	8.50	1.50	2.60
05	9.00	2.00	3.10
06	9.50	2.50	3.60
*08	10.50	3.50	4.60
*10	11.50	4.50	5.60
12	12.50	5.50	6.60
*14	13.50	6.50	7.60
15	14.00	7.00	8.10
16	14.50	7.50	8.60
18	15.50	8.50	9.60
20	16.50	9.50	10.60
*24	18.50	11.50	12.60
25	19.00	12.00	13.10
26	19.50	12.50	13.60
*28	20.50	13.50	14.60
*30	21.50	14.50	15.60
32	22.50	15.50	16.60
36	24.50	17.50	18.60
40	26.50	19.50	20.60
45	29.00	22.00	23.10
50	31.50	24.50	25.60
54	33.50	26.50	27.60
60	36.50	29.50	30.60

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

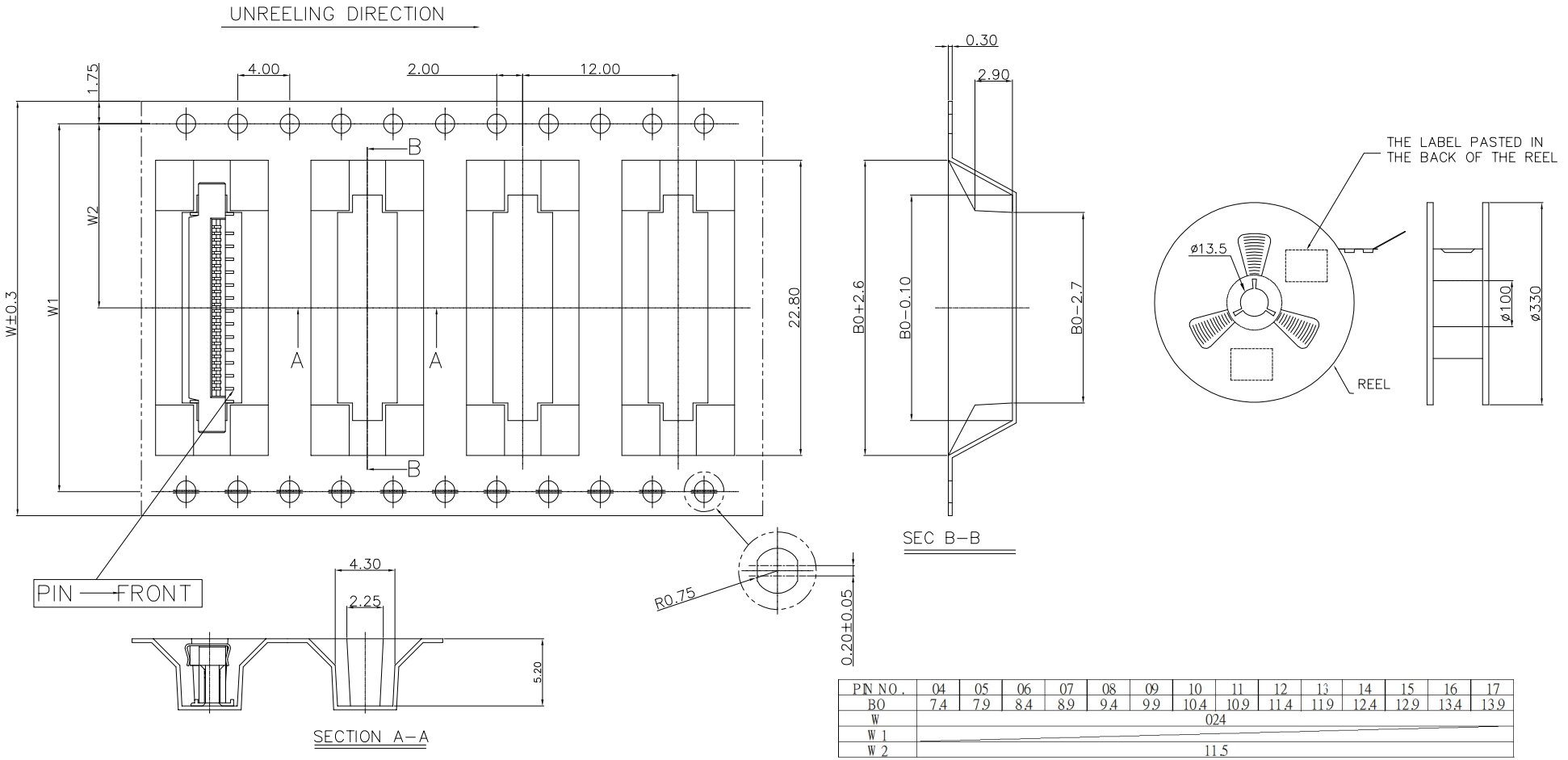
CPt 元精技术

TITLE: 0.5 ZIF FPC SMT VERTICAL PASTING

DRAWING NO. : C-FC0116R-1 A

PART NO. : SEE PART No

Rohs 2.0 Compliant | Pb Lead-free | HF



PIN NO.	04	05	06	07	08	09	10	11	12	13	14	15	16	17
B0	7.4	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	13.4	13.9
W	024													
W1														
W2	11.5													

PIN NO.	18	19	20	21	22	23	24	25	26	27	28	29	30	31
B0	14.4	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.9
W	024						032							
W1							28.4							
W2	11.5						14.2							

PIN NO.	32	33	34	35	36	37	38	39	40	41	42	43	44	45
B0	21.4	21.9	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9	27.4	27.9
W	044													
W1	40.4													
W2	20.2													

PIN NO.	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
B0	28.4	28.9	29.4	29.9	30.4	30.9	31.4	31.9	32.4	32.9	33.4	33.9	34.4	34.9	35.4	35.9
W	044								056							
W1	40.4								52.4							
W2	20.2								26.2							

NOTE:
1.10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE ±0.20.
2.CARRIER CAMBER IS WITHIN 1mm IN 250mm.
3.MATERIAL :BLACK CONDUCTIVE POLYSTYRENE ALLOY.
4.ALL DIMENSIONS MEET EIA−481−D REQUIREMENTS.
5.COMPONENT LOAD PER 13" REEL: 1000 pcs./13.18 Meters.

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: 0.5 ZIF FPC SMT VERTICAL PASTING
DRAWING NO. : C-FC0116R-1 A
PART NO. : SEE PART No 2/2