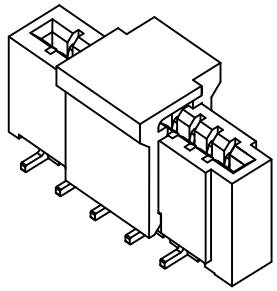
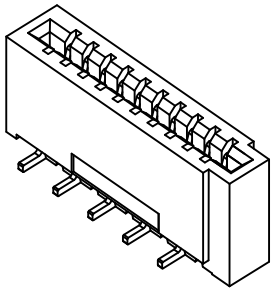
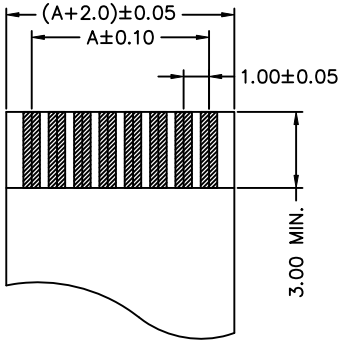
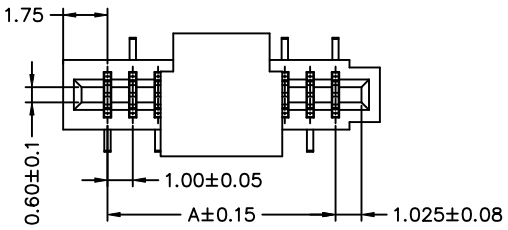
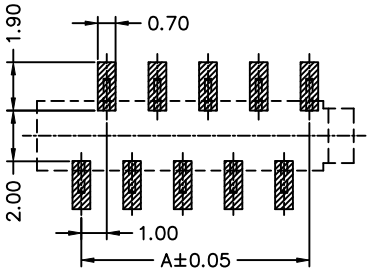




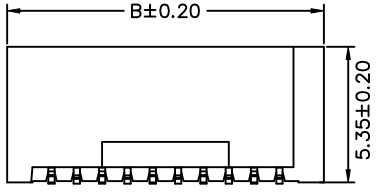


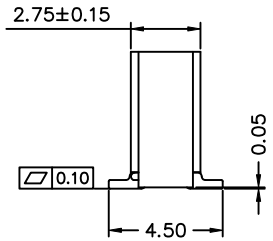
RECOMMENDED FCC/FPC DIMENSION
THINKCESS 0.30±0.03mm

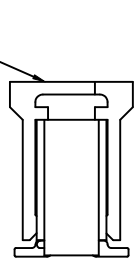


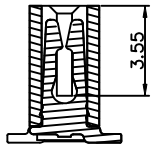


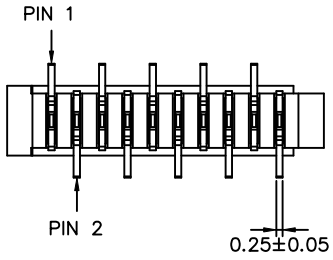
PCB LAYOUT TOLERANCE: ±0.05











P/N LEGEND

2FF1004 WV-S-XP N L B T1 N 00 L
① ② ③ ④ ⑤⑥⑦ ⑧ ⑨ ⑩ ⑪

① Series No.
② Connector type: WV=Vertical
③ Mounting type: S=SMT without boss
④ No. of circuits
⑤ N=Halogen Free
⑥ Material: LCP ,UL94V-0
⑦ Color: B=Black
⑧ Plating code for contacts: T1=Matte Tin-plated
⑨ Plating code: N=Non-plating
⑩ Option code: 00=Standard
⑪ Packing code: L=Tape & Reel(With Cap)

SPECIFICATIONS
Current Rating: 0.5A AC,DC
Voltage Rating: 50V AC,DC
Temperature Range: -25℃ ~ +85℃
Contact Resistance: 30mΩ Max.
Insulation Resistance: 500MΩ Min.
Withstanding Voltage: 500V AC/minute
Pin Material: Phosphor Bronze
Actuator: LCP,UL94V-0,Natural

Ordering Information & Dimensions

Circuit No.	Dimensions A	Dimensions B	Circuit No.	Dimensions A	Dimensions B
04P	3.00	6.50	21P	20.00	23.50
05P	4.00	7.50	22P	21.00	24.50
06P	5.00	8.50	23P	22.00	25.50
07P	6.00	9.50	24P	23.00	26.50
08P	7.00	10.50	25P	24.00	27.50
09P	8.00	11.50	26P	25.00	28.50
10P	9.00	12.50	27P	26.00	29.50
11P	10.00	13.50	28P	27.00	30.50
12P	11.00	14.50	29P	28.00	31.50
13P	12.00	15.50	30P	29.00	32.50
14P	13.00	16.50	31P	30.00	33.50
15P	14.00	17.50	32P	31.00	34.50
16P	15.00	18.50	33P	32.00	35.50
17P	16.00	19.50	34P	33.00	36.50
18P	17.00	20.50	35P	34.00	37.50
19P	18.00	21.50	36P	35.00	38.50
20P	19.00	22.50			

REV.	DESCRIPTION	DATE	NAME
A0	NEW RELEASE	2021.05.12	鄭小嬌

GENERAL TOLERANCE
X. X±0.25
X. XX±0.15
X. XXX±0.05
ANGLE±

Singatron Enterprise Co., Ltd.

TITLE	1.0mm PITCH FFC/FPC CONNECTOR 180° SMT TYPE, NON-ZIF		
DWN	徐富永	PART NO.	2FF1004WV-S-XPNXXXXXXXL
CHKD	2021.05.12	SCALE 1:1	UNIT: mm
APVD	徐富永	SIZE: A3	SHEET: 1 OF 2 REV: A0

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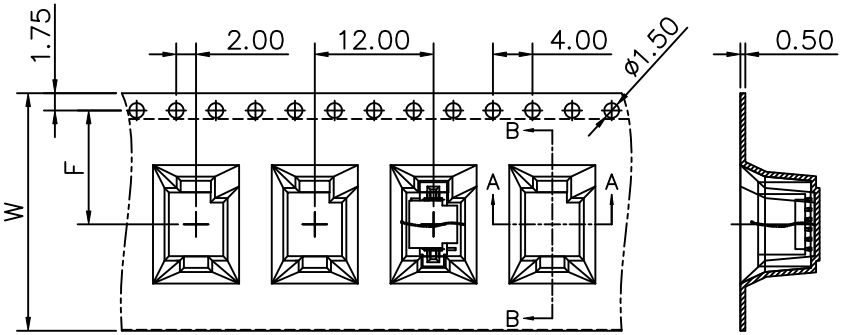
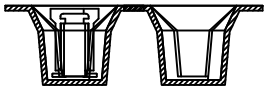
文件編號 RD-06-043-A

04P~11P Contacts



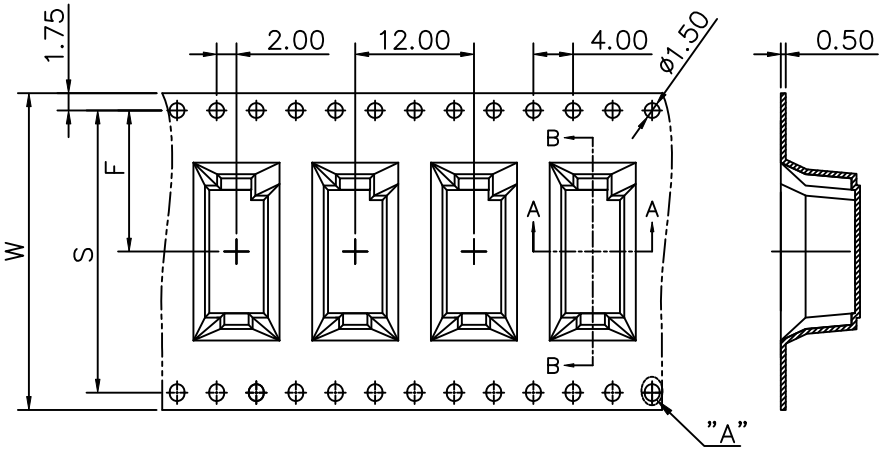
SECTION B–B

Unreeling direction



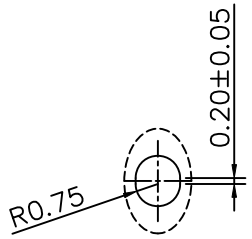
SECTION A–A

12P~34P Contacts

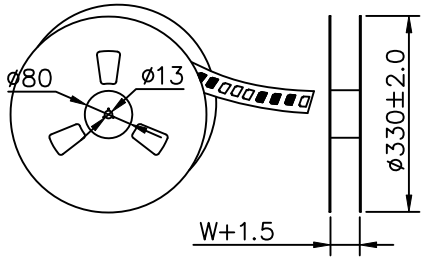


Unreeling direction

SECTION B–B



DETAIL "A"
SCALE 3:1



Number of Contacts	W±0.3	F±0.1	S±0.1	Q'ty/Reel	Number of Contacts	W±0.3	F±0.1	S±0.1	Q'ty/Reel
04P	24.00	11.50	28.40	700	20P	44.00	20.20	40.40	700
05P				700	21P				700
06P				700	22P				700
07P				700	23P				700
08P				700	24P				700
09P				700	25P				700
10P				700	26P				700
11P				700	27P				700
12P	32.00	14.20		700	28P	56.00	26.20	52.40	700
13P				700	29P				700
14P				700	30P				700
15P				700	31P				700
16P	44.00	20.20	40.40	700	32P				700
17P				700	33P				700
18P				700	34P				700
19P				700					

REV.	DESCRIPTION	DATE	NAME
A0	NEW RELEASE	2021.05.12	鄭小嬌

GENERAL TOLERANCE
X. X±0.25
X. XX±0.15
X. XXX±0.05
ANGLE±

Singatron Enterprise Co., Ltd.

TITLE	1.0mm PITCH FFC/FPC CONNECTOR 180° SMT TYPE, NON-ZIF		
DWN	徐富永	PART NO.	2FF1004WV-S-XPNXXXXXXXL
CHKD	2021.05.12	SCALE 1:1	UNIT: mm
APVD	徐富永	SIZE: A3	SHEET: 2 OF 2 REV: A0

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文件編號 RD-06-043-A