

Material :

- * Base: High temperature plastic UL 94V-0, Color Nature
- * Cover: High temperature plastic UL 94V-0, Color Black
- * Contact: Phosphor Bronze
- * Fixed tab: Phosphor Bronze with 2.50um(100u'') Min. Matte Tin Plated over 1.27um(50u'') Min.Nickel

Ordering Code

CF35 ** * D 0 RL -NH
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
② No. of Circuits
4~30PIN Enhanced version

③ Plating code:

1= 2.03~3.05μm(80~120μ'') Matte Tin plated,
1.27~2.03μm(50~80μ'') Nickel underplating over all.

2= 0.03μm(1.2μ'') Min. Gold Flash plated over
1.27~2.03μm(50~80μ'') Min. Nickel

F= 0.03μm(1.2μ'') Min. Gold Flash on Contact area and Solder tails, 1.27μm(50μ'') Min. Nickel Underplating over all.

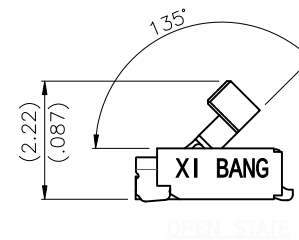
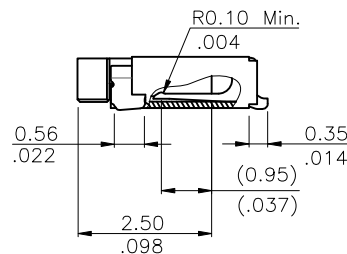
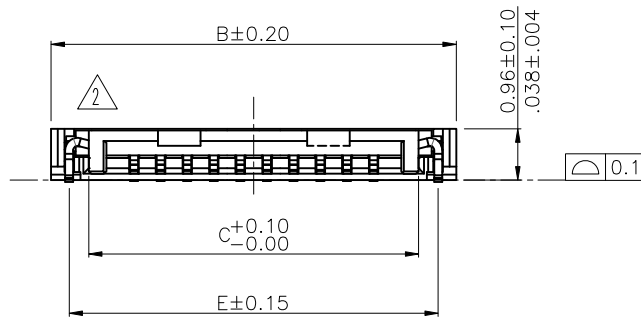
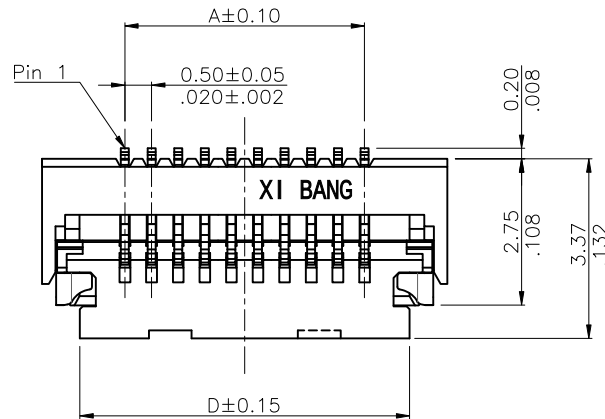
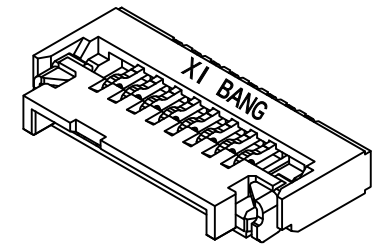
W= 0.075μm(3.0μ'') Gold Plating on Contact area,
0.03μm(1.2μ'') Gold Plating on Soldertails, 1.27μm(50μ'') Nickel underplating over all.

④ Contact style: D= Downside contact

⑤ 0= Color Nature

⑥ Packing: RL= Tape & Reel packing (Width reduction)

⑦ -NH= For Lead Free IR Reflow Processed and Halogen Free



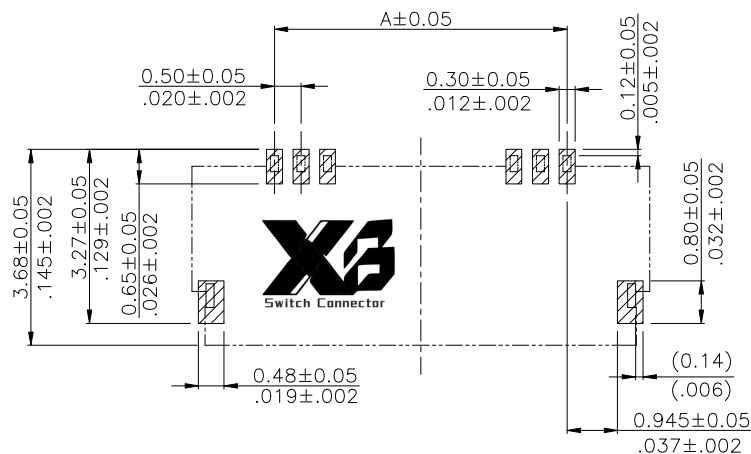
DIM A=0.5 X (No. of Circuits-1)
DIM B=DIM A+3.10
DIM C=DIM A+1.80
DIM D=DIM A+1.70
DIM E=DIM A+2.42

Halogen-Free

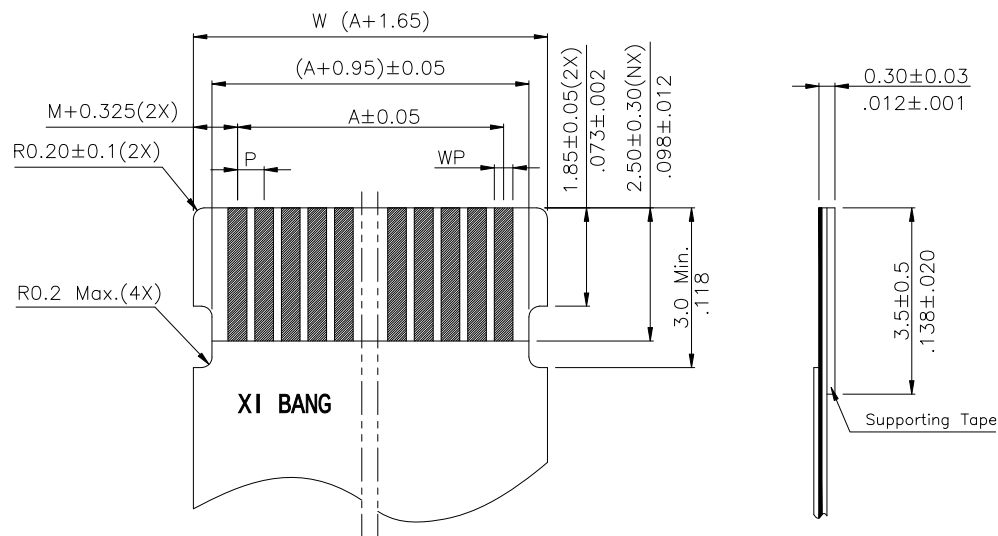
Lead Free Process

RoHS compliant

4						DATE	UNIT: mm / inch		TITLE: 0.50mm(.020") ZIF FFC/FPC ONE-TOUCH CONNECTOR (Enhanced version)	XB Switch Connector 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.	
3				DRAWN BY:	Jessie	7/27-22'	TOLERANCE UNLESS OTHERWISE SPECIFIED				
2	Jessie	7/27-22'	ECRH122021/ECNT122111	ENGINEER:	Sun	7/28-22'	.X ± 0.20/.008	X' ±	MATERIAL:		
1	Eric	4/26-22'	ECRH122007/ECNT122046	CHECKED BY:	Eisley	8/1-22'	.XX ± 0.15/.006	X' ± 1"	FINISH:		
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Eisley	8/1-22'	.XXX ±	.XX' ±		DRAWING NO. CF3521SC	PART NO. CF35***D0RL-NH
										SCALE 10 / 1	SHEET 1 OF 3



Recommended P.C. Board Layout



Accommodated FFC/FPC

APPLICABLE FFC DIMENSION		
	FPC	FFC
W	W±0.07	W±0.07
A	A±0.05	A±0.05
M	0.5±0.10	0.5±0.08
P	0.5±0.05	0.5±0.05
WP	0.35±0.05	0.30±0.05 0.30±0.02

Halogen-Free

Lead Free Process

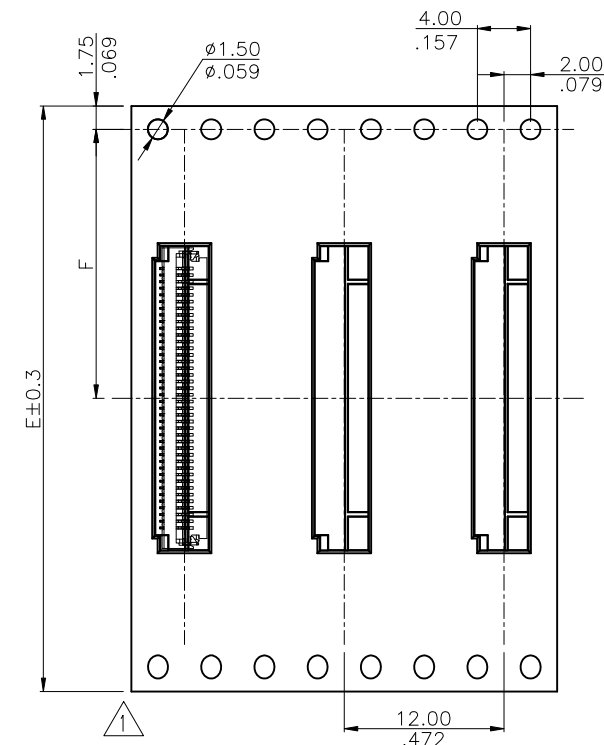
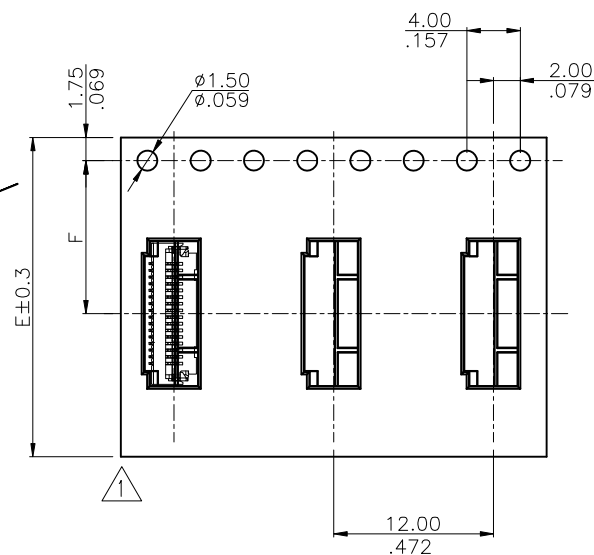
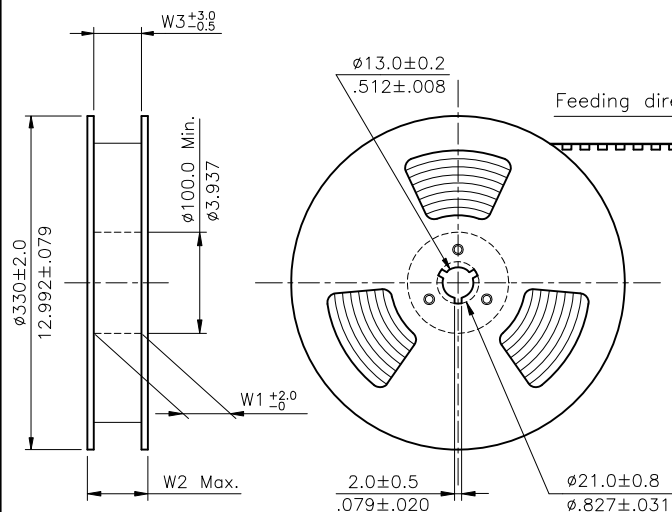
RoHS Compliant

4					DATE	UNIT: mm / inch	TITLE: 0.50mm(.020") ZIF FFC/FPC ONE-TOUCH CONNECTOR (Enhanced version)	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			
3				DRAWN BY:	Jessie	7/27-22'					
2	Jessie	7/27-22'	ECRH122021/ECNT122111	ENGINEER:	Sun	7/28-22'	MATERIAL:	DRAWING NO.	CF3521SC	PART NO.	CF35***DORL-NH
1	Eric	4/26-22'	ECRH122007/ECNT122046	CHECKED BY:	Eisley	8/1-22'					
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Eisley	8/1-22'	FINISH:	SCALE	10 / 1	SHEET	2 OF 3



1. 10 sprocket hole pitch cumulative tolerance ± 0.2
2. Camber not to exceed 1mm in 100mm.
3. Material: Polystyrene.
4. Pocket position relative to sprocket hole measured as true position of pocket, not pocket hole.
5. All dimensions meet EIA-481-B requirements.
6. Quantity: 3000 PCS/REEL

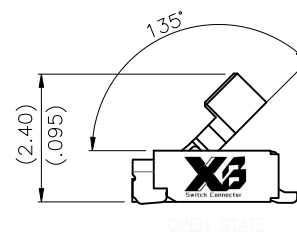
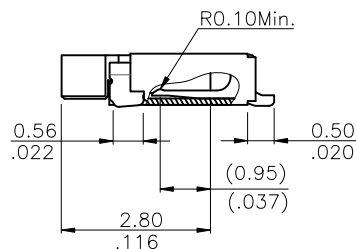
Circuits	Dimension					Packing (Reel/Carton)
	E	F	W1	W2	W3	
4-11	16.0(.630)	7.50(.295)	16.5(.650)	22.5(.885)	16.5(.650)	11
12-29	24.0(.945)	11.50(.453)	24.5(.965)	30.5(1.200)	24.5(.965)	9
30	32.0(1.260)	14.20(.559)	32.5(1.280)	38.5(1.516)	32.5(1.280)	7



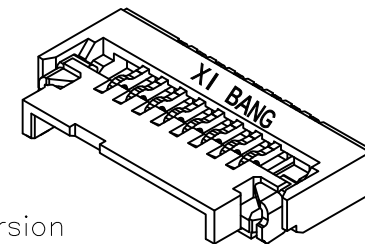
RoHS Compliant

4						DATE	UNIT: mm / inch		TITLE: 0.50mm(.020") ZIF FFC/FPC ONE-TOUCH CONNECTOR (Enhanced version)	X3 Switch Connector 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.		
3				DRAWN BY:	Jessie	7/27-22'	TOLERANCE UNLESS OTHERWISE SPECIFIED				MATERIAL:	
2	Jessie	7/27-22'	ECRH122021/ECNT122111	ENGINEER:	Sun	7/28-22'	.X ± 0.15/.006	X* ±	FINISH:	DRAWING NO. CF3521SC		PART NO. CF35***D0RL-NH
1	Eric	4/26-22'	ECRH122007/ECNT122046	CHECKED BY:	Eisley	8/1-22'	.XX ± 0.10/.004	X* ± 1'				
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Eisley	8/1-22'	.XXX ±	.XX ±		SCALE	10 / 1	SHEET 3 OF 3

- * Base: High temperature plastic UL 94V-0, Color Nature
- * Cover: High temperature plastic UL 94V-0, Color Black
- * Contact: Phosphor Bronze
- * Fixed tab: Phosphor Bronze with $2.54\mu\text{m}(100\mu'')$ Min.
Matte Tin Plated over $1.27\mu\text{m}(50\mu'')$ Min. Nickel



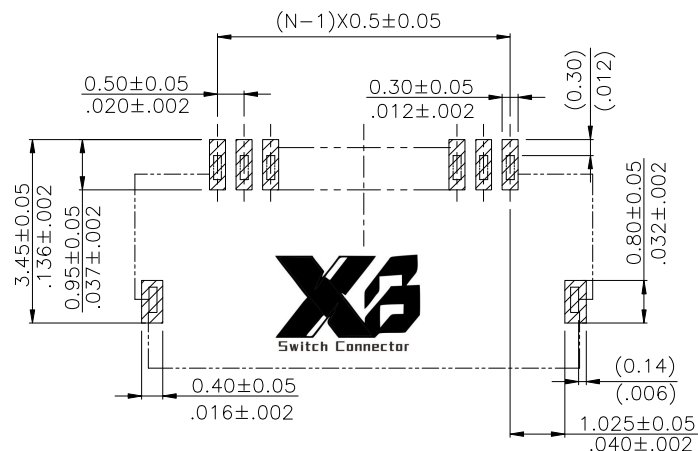
CF35	**	*	D	0	RD	-NH
①	②	③	④	⑤	⑥	⑦



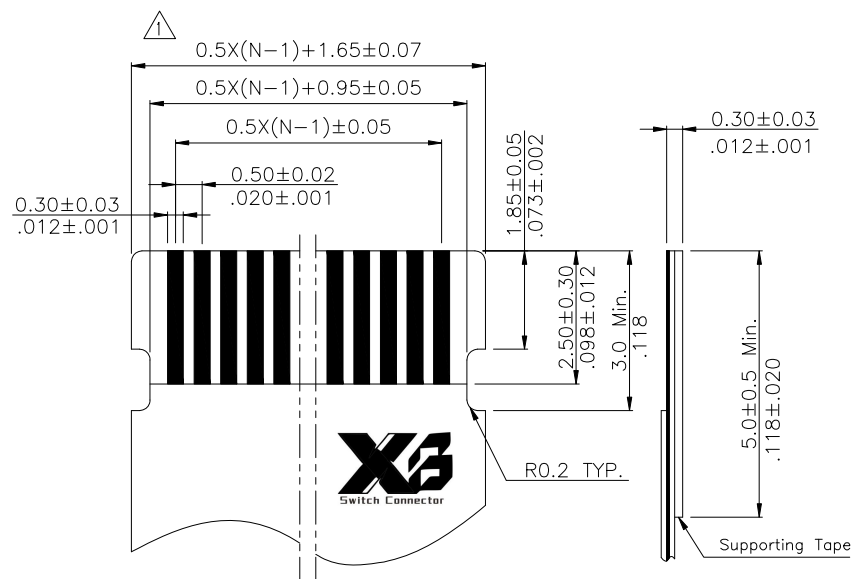
- ① Series No.
- ② No. of Circuits 4~30PIN Enhanced version
- ③ Plating code:
- 1= $80\mu\text{''}\sim 120\mu\text{''}$ Matte Tin plated over , $50\mu\text{''}\sim 80\mu\text{''}$ Min. Nickel.
- 2= $0.03\mu\text{m}(1.2\mu\text{''})$ Min. Gold Flash, $50\mu\text{''}\sim 80\mu\text{''}$ MIN Nickel Underplating.
- F= $0.03\mu\text{m}(1.2\mu\text{''})$ Min. Gold Flash on Contact area and Solder tails, $1.27\mu\text{m}(50\mu\text{''})$ Min. Nickel Underplating over all.
- ④ Contact style: D= Downside contact
- ⑤ 0= Color Nature
- ⑥ Packing: RD= Tape & Reel packing
- ⑦ -NH= For Lead Free IR Processed and Halogen Free
- 

DIM A=0.5 X (No. of Circuits-1)
 DIM B=DIM A+3.10
 DIM C=DIM A+1.70
 DIM D=DIM A+1.70
 DIM E=DIM A+2.42
 DIM F=DIM A+1.05

4						DATE	UNIT: mm / inch		TITLE: 0.50mm(.020") ZIF FFC/FPC ONE-TOUCH CONNECTOR (Enhanced version)	X3 Switch Connector 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.		
3				DRAWN BY:	Jessie	7/27-22'	TOLERANCE UNLESS OTHERWISE SPECIFIED				MATERIAL:	
2	Jessie	7/27-22'	ECRH122021/ECNT122111	ENGINEER:	Sun	7/28-22'	.X ± 0.20/.008	X' ±	FINISH:	DRAWING NO. CF3522SC		PART NO. CF35***D0RD-NH
1	Sandy	10/15-20'	ECNT120249	CHECKED BY:	Eisley	8/1-22'	.XX ± 0.15/.006	X" ± 1'				
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Eisley	8/1-22'	.XXX ±	XX' ±		SCALE	10 / 1	SHEET 1 OF 3



Recommended P.C. Board Layout



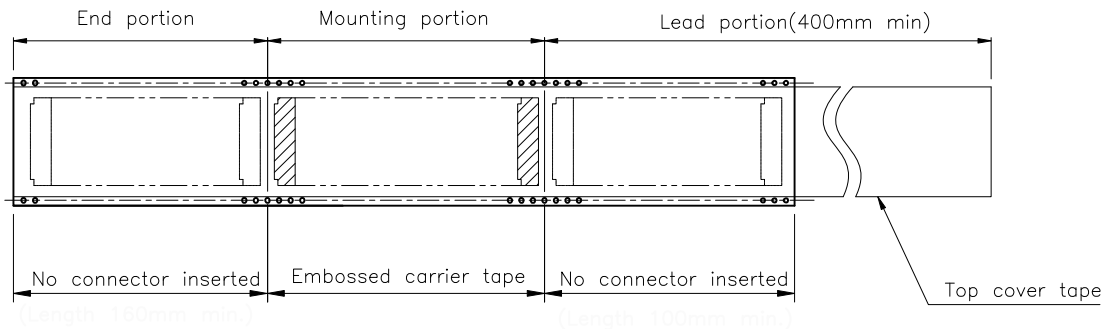
Accommodated FFC/FPC

Halogen-Free

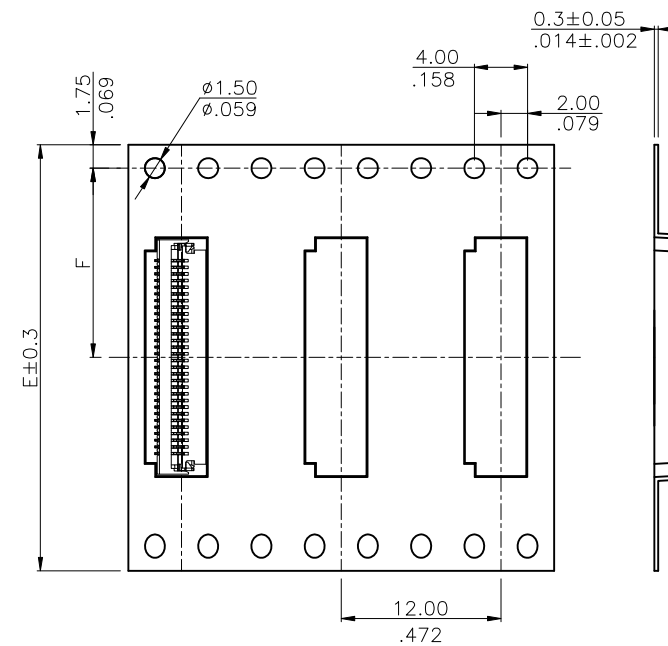
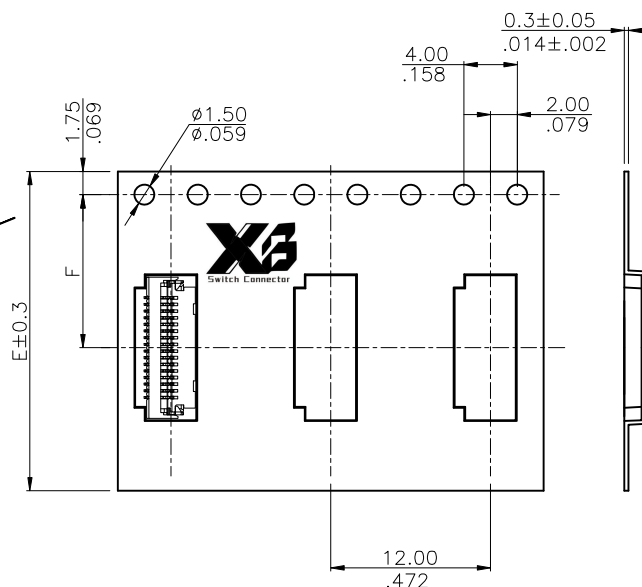
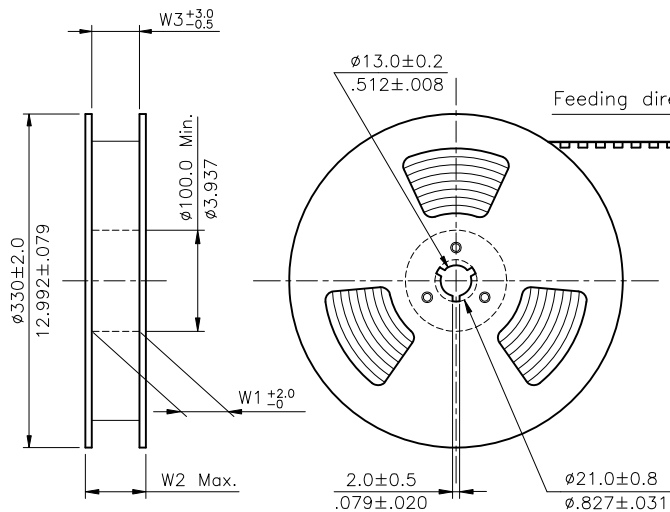
Lead Free Process

RoHS Compliant

4					DATE	UNIT: mm / inch		TITLE: 0.50mm(.020") ZIF FFC/FPC ONE-TOUCH CONNECTOR (Enhanced version)	X3 Switch Connector 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONI CS CO., LTD.			
3				DRAWN BY:	Jessie	7/27-22'	TOLERANCE UNLESS OTHERWISE SPECIFIED					
2	Jessie	7/27-22'	ECRH122021/ECNT122111	ENGINEER:	Sun	7/28-22'						
1	Sandy	10/15-20	ECNT120249	CHECKED BY:	Eisley	8/1-22'						
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Eisley	8/1-22'		.X ± 0.20/.008 .XX ± 0.15/.006 .XXX ±	X' ± X' ± 1' .XX' ±	MATERIAL:		
FINISH:									DRAWING NO.	CF3522SC	PART NO.	CF35***DORD-NH
									SCALE	10 / 1	SHEET	2 OF 3



TAPE RUNNING DIRECTION



WIDTH : 16.24 mm Carrier

WIDTH : 32 mm Carrier

(SCALE 1:4)

(SCALE 1:4)

RoHS Compliant

Notes:

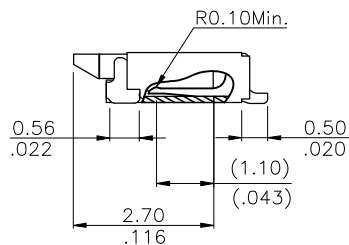
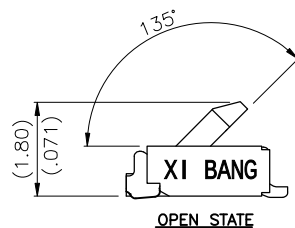
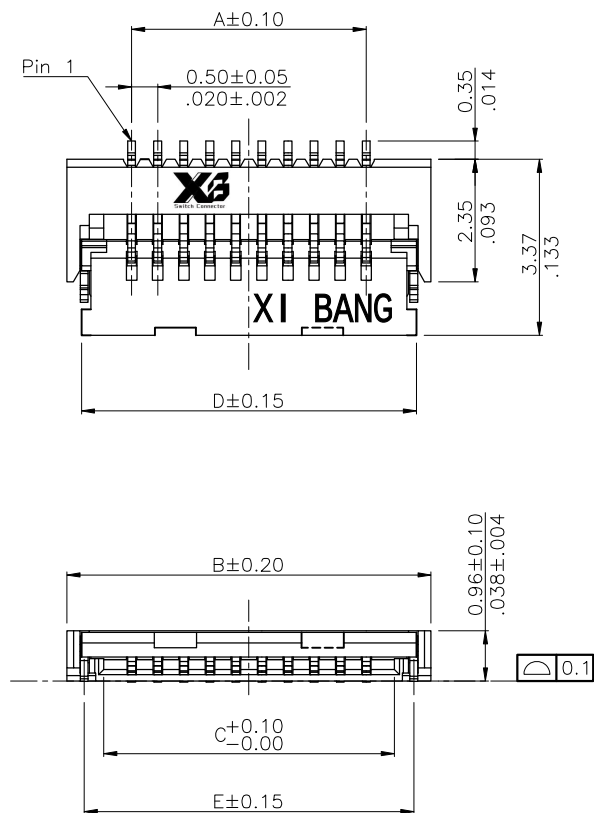
1. 10 sprocket hole pitch cumulative tolerance ± 0.2
2. Camber not to exceed 1mm in 100mm.
3. Material: Polystyrene.
4. Pocket position relative to sprocket hole measured as true position of pocket, not pocked hole.
5. All dimensions meet EIA-481-B requirements.
6. Quantity: 3000 PCS/REEL

Circuits	Dimension					Packing (Reel/Carton)
	E	F	W1	W2	W3	
4-11	16.0(.630)	7.50(.295)	16.5(.650)	22.5(.885)	16.5(.650)	11
12-29	24.0(.945)	11.50(.453)	24.5(.965)	30.5(1.200)	24.5(.965)	9
30	32.0(1.260)	14.20(.559)	32.5(1.280)	38.5(1.516)	32.5(1.280)	7

4					DATE	UNIT: mm / inch	TITLE: 0.50mm(.020") ZIF FFC/FPC ONE-TOUCH CONNECTOR (Enhanced version)		 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			
3				DRAWN BY: Jessie	7/27-22'	TOLERANCE UNLESS OTHERWISE SPECIFIED						
2	Jessie	7/27-22'	ECRH122021/ECNT122111	ENGINEER: Sun	7/28-22'	.X $\pm 0.15/0.06$	X' $\pm$	MATERIAL:	DRAWING NO. CF3522SC	PART NO. CF35***DORD-NH	SCALE 10 / 1	SHEET 3 OF 3
1	Sandy	10/15-20	ECNT120249	CHECKED BY: Eisley	8/1-22'	.XX $\pm 0.10/0.04$	X' $\pm 1'$					
SYM	NAME	DATE	REVISIONS	APPROVED BY: Eisley	8/1-22'	.XXX $\pm$	.XX' $\pm$	FINISH:				

Material :

- * Base: High temperature plastic UL 94V-0, Color Nature
- * Cover: High temperature plastic UL 94V-0, Color Black
- * Contact: Phosphor Bronze
- * Fixed tab: Phosphor Bronze with 2.50um(100u'') Min. Matte Tin Plated over 1.27um(50u'') Min.Nickel



Ordering Code

CF35 ** * D 0 RE -NH
① ② ③ ④ ⑤ ⑥ ⑦

① Series No.

② No. of Circuits 4~30PIN Enhanced version

③ Plating code:

1= 80u''~120u''Matte Tin plated over , 50u''~80u''Min. Nicke.

2= 0.03um(1.2u'') Min.Gold Flash, 50u''~80u'' MIN Nickel Underplating.

F= 0.03um(1.2u'') Min.Gold Flash on Contact area and Solder tails, 1.27um(50u'') Min. Nickel Underplating over all.

④ Contact style: D= Downside contact

⑤ 0= Color Nature

⑥ Packing: RE= Tape & Reel packing

⑦ -NH= For Lead Free IR Processed and Halogen Free

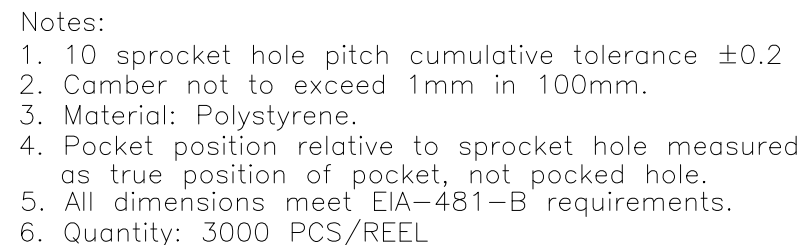
DIM A=0.5 X (No. of Circuits-1)
DIM B=DIM A+2.50
DIM C=DIM A+1.10
DIM D=DIM A+1.90
DIM E=DIM A+1.82

Halogen-Free

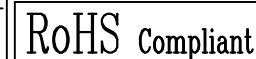
Lead Free Process

RoHS Compliant

4					DATE	UNIT: mm / inch	TITLE: 0.50mm(.020") ZIF FFC/FPC ONE-TOUCH CONNECTOR (Enhanced version)	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.	
3				DRAWN BY:	Hero	5/11-20'	TOLERANCE UNLESS OTHERWISE SPECIFIED		
2				ENGINEER:	Hero	5/11-20'	.X ± 0.20/.008 X' ±	DRAWING NO. CF3524SA PART NO. CF35***D0RE-NH	
1				CHECKED BY:	Steve	5/11-20'	.XX ± 0.15/.006 X' ± 1'		
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Phil	5/11-20'	.XXX ± XX ±	FINISH:	SCALE 10 / 1 SHEET 1 OF 3



Circuits	Dimension					Packing (Reel/Carton)
	E	F	W1	W2	W3	
4-11	16.0(.630)	7.50(.295)	16.5(.650)	22.5(.885)	16.5(.650)	11
12-29	24.0(.945)	11.50(.453)	24.5(.965)	30.5(1.200)	24.5(.965)	9
30	32.0(1.260)	14.20(.559)	32.5(1.280)	38.5(1.516)	32.5(1.280)	7



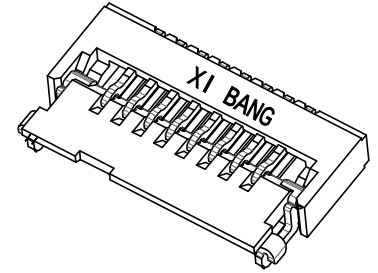
4					DATE	UNIT: mm / inch		TITLE: 0.50mm(.020") ZIF FFC/FPC ONE-TOUCH CONNECTOR (Enhanced version)	X3 Switch Connector 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			
3				DRAWN BY:	Hero	5/11-20'	TOLERANCE UNLESS OTHERWISE SPECIFIED			MATERIAL:		
2				ENGINEER:	Hero	5/11-20'		.X ± 0.15/.006 .X' ±	FINISH:			
1				CHECKED BY:	Steve	5/11-20'	.XX ± 0.10/.004 .X" ± 1"	DRAWING NO.		CF3524SA	PART NO.	CF35***DORE-NH
Sym	NAME	DATE	REVISIONS		APPROVED BY:	Phil	5/11-20'	.XXX ± .XX' ±	SCALE	10 / 1	SHEET	3 OF 3

Material :

- * Base: High temperature plastic UL 94V-0, Color Nature
- * Cover: High temperature plastic UL 94V-0, Color Black
- * Contact: Phosphor Bronze
- * Fixed tab: Phosphor Bronze with 2.50um(100u'') Min. Matte Tin Plated over 1.27um(50u'') Min.Nickel

Ordering Code

CF35 ** * D 0 RM -NH
① ② ③ ④ ⑤ ⑥ ⑦



① Series No.

② No. of Circuits 4~30PIN

③ Plating code:

1= 80u''~120u''Matte Tin plated over , 50u''~80u''Min.Nicke.

2= 0.03um(1.2u'') Min.Gold Flash, 50u''~80u'' MIN Nickel Underplating.

F= 0.03um(1.2u'') Min.Gold Flash on Contact area and Solder tails, 1.27um(50u'') Min. Nickel Underplating over all.

④ Contact style: D= Downside contact

⑤ 0= Color Nature

⑥ Packing: RM= Tape & Reel packing

⑦ -NH= For Lead Free IR Processed and Halogen Free

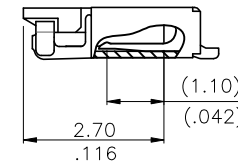
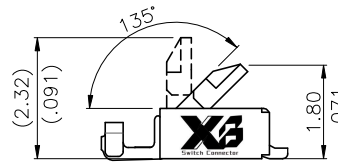
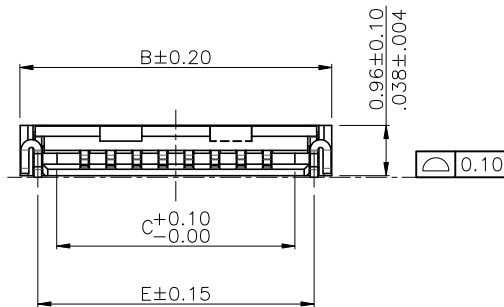
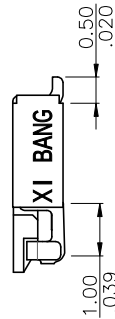
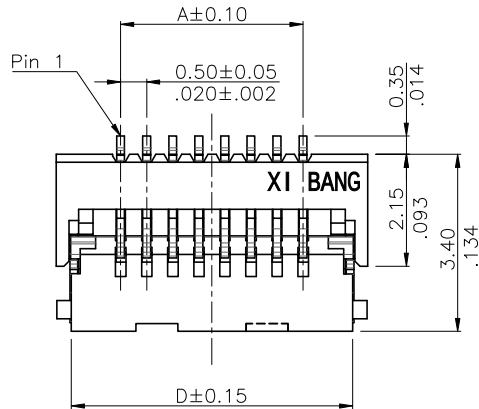
DIM A=0.5 X (No. of Circuits-1)

DIM B=DIM A+2.50

DIM C=DIM A+1.10

DIM D=DIM A+1.90

DIM E=DIM A+1.80

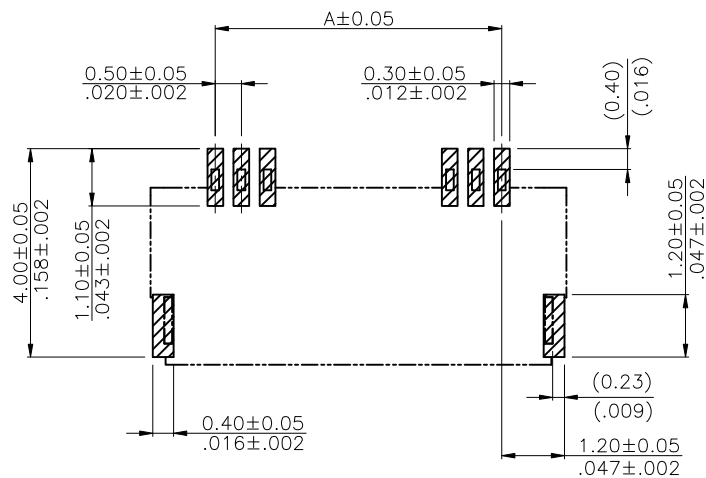


Halogen-Free

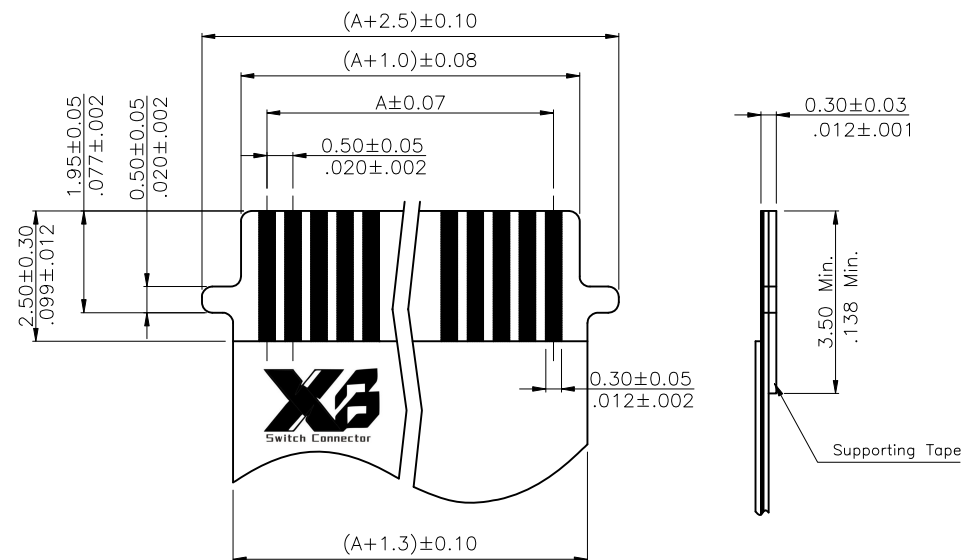
Lead Free Process

RoHS Compliant

4						DATE	UNIT: mm / inch		TITLE: 0.50mm(.020") ZIF FFC/FPC ONE-TOUCH CONNECTOR	 东莞市溪榜电子有限公司 Switch Connector DONG GUAN XI BANG ELECTRONICS CO., LTD.				
3				DRAWN BY:	Hero	5/11-20'	TOLERANCE UNLESS OTHERWISE SPECIFIED				MATERIAL:	DRAWING NO.	CF3527SA	PART NO.
2				ENGINEER:	Hero	5/11-20'	.X ± 0.20/.008	X' ±	FINISH:					
1				CHECKED BY:	Steve	5/11-20'	.XX ± 0.15/.006	X' ± 1'			SCALE	1 / 1	SHEET	1 OF 3
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Phil	5/11-20'	.XXX ±	.XX ±						



Recommended P.C. Board Layout



Accommodated FFC/FPC

Halogen-Free

Lead Free Process

RoHS Compliant

4					DATE	UNIT: mm / inch		TITLE: 0.50mm(.020") ZIF FFC/FPC ONE-TOUCH CONNECTOR	X3 Switch Connector 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			
3				DRAWN BY:	Hero	5/11-20'	TOLERANCE UNLESS OTHERWISE SPECIFIED			MATERIAL:		
2				ENGINEER:	Hero	5/11-20'	.X ± 0.20/.008 .X' ±					
1				CHECKED BY:	Steve	5/11-20'	.XX ± 0.15/.006 .X" ± 1'					
Sym	NAME	DATE	REVISIONS		APPROVED BY:	Phil	5/11-20'	.XXX ± .XX' ±	FINISH:			
								DRAWING NO.	CF3527SA	PART NO.	CF35***DORM-NH	
								SCALE	1 / 1	SHEET	2	OF 3

Material :

- * Base: High temperature plastic UL 94V-0, Color Nature
- * Cover: High temperature plastic UL 94V-0, Color Black
- * Contact: Phosphor Bronze
- * Fixed tab: Phosphor Bronze with 2.50um(100u") Min. Matte Tin Plated over 1.27um(50u") Min.Nickel

Ordering Code

CF35 ** * D 0 RS -NH
① ② ③ ④ ⑤ ⑥ ⑦

① Series No.

② No. of Circuits 4~12PIN Enhanced version

③ Plating code:

1= 80u"~120u"Matte Tin plated over , 50u"~80u"Min.Nicke.

2= 0.03um(1.2u") Min.Gold Flash, 50u"~80u" MIN Nickel Underplating.

F= 0.03um(1.2u") Min.Gold Flash on Contact area and Solder tails, 1.27um(50u") Min. Nickel Underplating over all.

W= 0.075um(3.0u") Gold Plating on Contact area, 0.03um(1.2u") Gold Plating on Solder tails, 1.27um(50u") Nickel underplating over all.

④ Contact style: D= Downside contact

⑤ 0= Color Nature

⑥ Packing: RS= Tape & Reel packing

⑦ -NH= For Lead Free IR Processed and Halogen Free

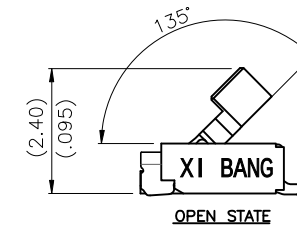
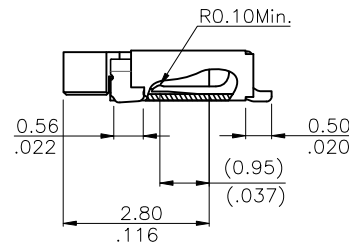
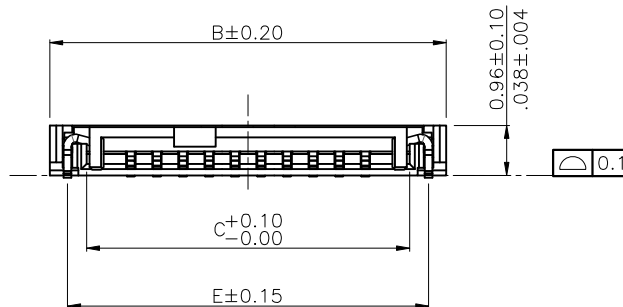
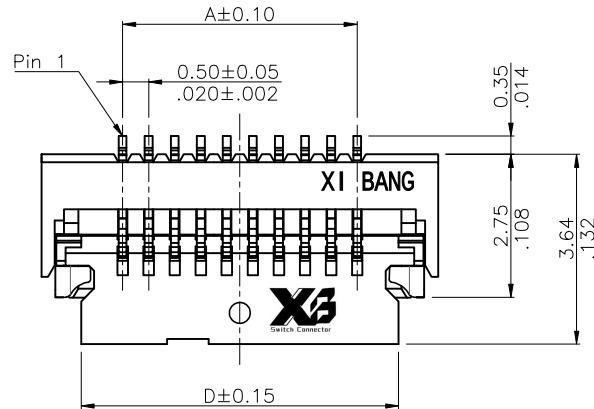
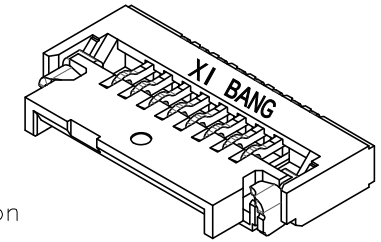
DIM A=0.5 X (No. of Circuits-1)

DIM B=DIM A+3.10

DIM C=DIM A+1.70

DIM D=DIM A+1.60

DIM E=DIM A+2.42

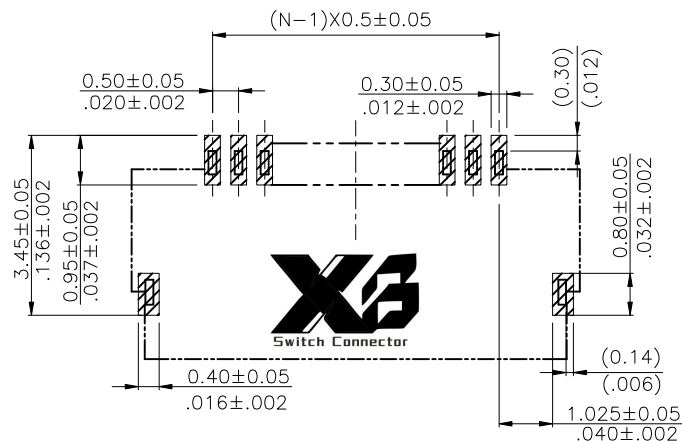


Halogen-Free

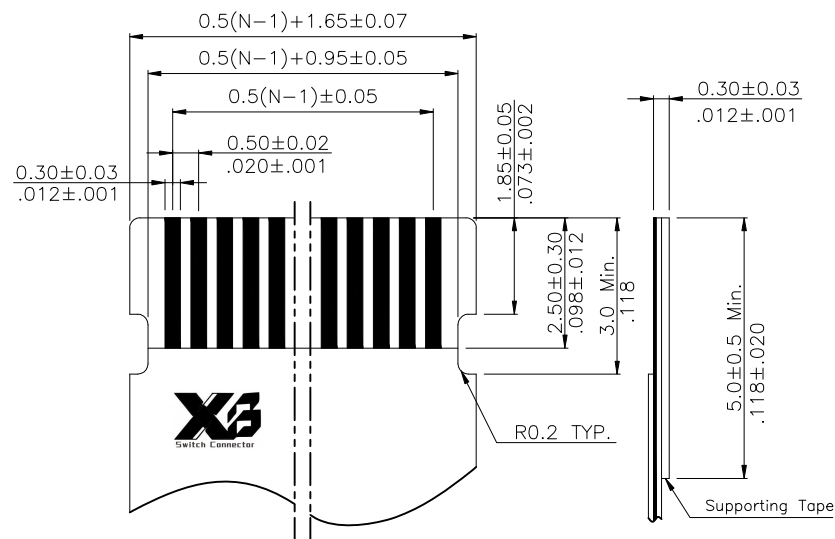
Lead Free Process

RoHS Compliant

④						DATE	UNIT: mm / inch		TITLE: 0.50mm(.020") ZIF FFC/FPC ONE-TOUCH CONNECTOR (Enhanced version)	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.					
③				DRAWN BY:	Hero	6/2-21'	TOLERANCE UNLESS OTHERWISE SPECIFIED								
②				ENGINEER:	Hero	6/2-21'	.X ± 0.20/.008	X' ±	MATERIAL:						
①				CHECKED BY:	Steve	6/3-21'	.XX ± 0.15/.006	X' ± 1'			FINISH:				
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Kevin	6/3-21'	.XXX ±	.XX ±		DRAWING NO.		CF3537SA	PART NO.	CF35***DORS-NH	
										SCALE	10 / 1	SHEET	1	OF	3



Recommended P.C. Board Layout



Accommodated FFC/FPC

Halogen-Free

Lead Free Process

RoHS Compliant

4					DATE	UNIT: mm / inch	TITLE: 0.50mm(.020") ZIF FFC/FPC ONE-TOUCH CONNECTOR (Enhanced version)	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			
3				DRAWN BY:	Hero	6/2-21'					
2				ENGINEER:	Hero	6/2-21'					
1				CHECKED BY:	Steve	6/3-21'					
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Kevin	6/3-21'					

DRAWING NO.

CF3537SA

PART NO.

CF35***DORS-NH

SCALE

10 / 1

SHEET

2 OF 3

