



REV:	ECN. NO.	NAME	DATE
A0	----	-----	04-29-2026

NOTES:
MATERIAL:
INSULATOR:LCP PLASTIC,UL 94V-0 COLOR:NATURE
COVER:THERMO-PLASTIC COLOR:BLACK
THRMINAL:PHOSPHOR COPPER
CONTACT:COPPER ALLOY
SPECIFICATION:
CURRENT RATING:0.5A 50V AC/DC
CUNTACT RESISTANCE:30mΩMAX
INSULATION RESISTANCE:100MΩMIN AT 500V DC
OPERATING TEMPERATURE RANGE:-40℃ TO +85℃
WITHSTANDING VOLTANG:500V AC/minute

电镀:焊锡区镀雾锡80~160u” ;
接触区镀金1u” Min;
底层全区打镍底50~100u” 。

NOTES 1(Lot No): 19 06 26 01 01 D

Year of manufacturing(年)
(19:2019 Year,20:2020 year)

Month of manufacturing(月)

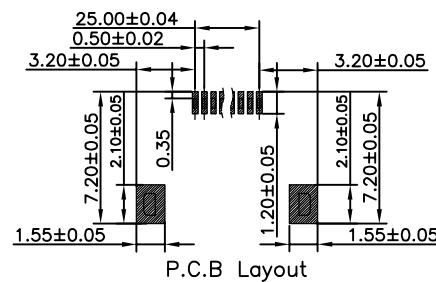
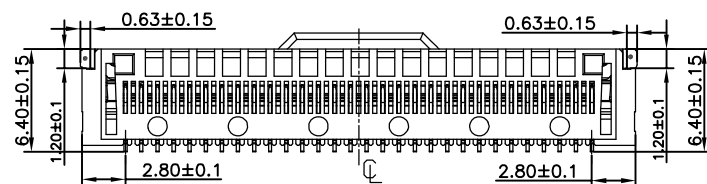
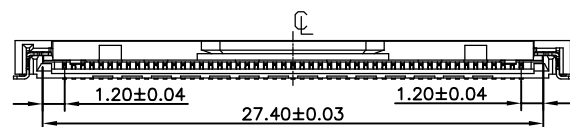
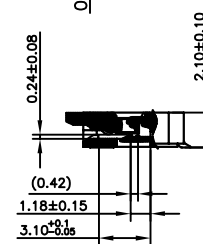
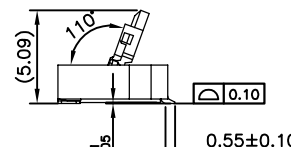
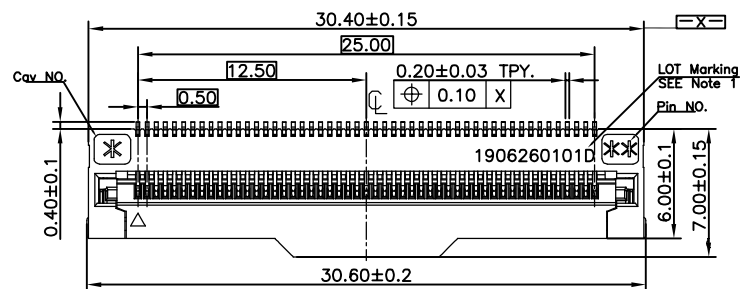
Date of manufacturing(日)

Reel Number(盘号)

Assembly machine no.(装配机台号)

Time of manufacturing(班别)

D:Daytime(白班), N:Night(夜班)



P.C.B Layout

5	右接地片	1	COPPER ALLOY	雾锡80~160U”	冲压件
4	左接地片	1	COPPER ALLOY	雾锡80~160U”	冲压件
3	端子	**	PHOSPHOR COPPER	半金锡1U”Min	冲压件
2	掀盖	1	GLASS FILLED THERMO-PLASTIC	黑色	成型件
1	塑胶主体	1	GLASS FILLED THERMO-PLASTIC	白色	成型件
项次	名称	数量	材质	电镀(或颜色)	备注

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MILLIMETERS	INCH
X.° ±1°	X.° ±2°
.X ±0.20	.X ±0.008
.XX ±0.15	.XX ±0.006
.XXX ±0.10	.XXX ±0.004



FOR YOUR
VITAL CONNECTION

TITLE:

ZIF FPC 0.50PITCH
2.1HIGH,51Pin,ASSEMBLY

DRAWN BY: Zou Long

PART NO: F05059FA051M1WLJ9

SHEET: 1 OF 3 REV: A0

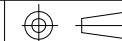
CHECKED BY: Bob

DWG NO: VTC-TZ-J9-018

SIZE: A4 UNIT:mm FCN: J9

APPROVED BY: QPF

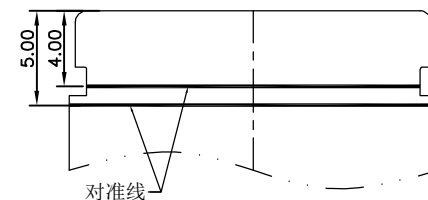
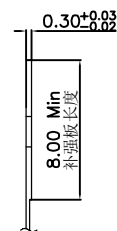
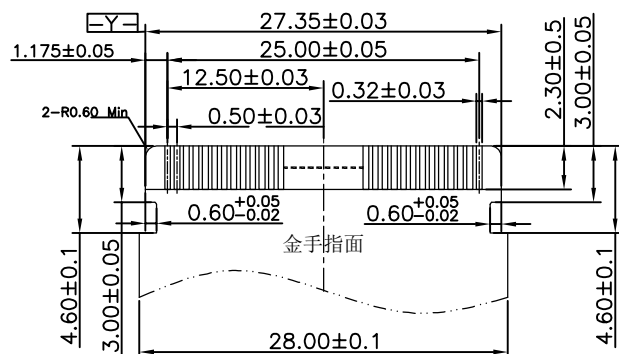
PROJECTION:



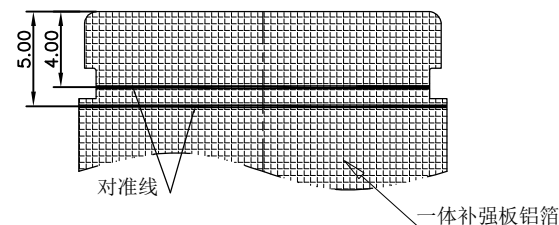
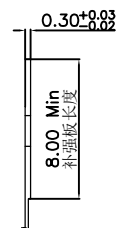
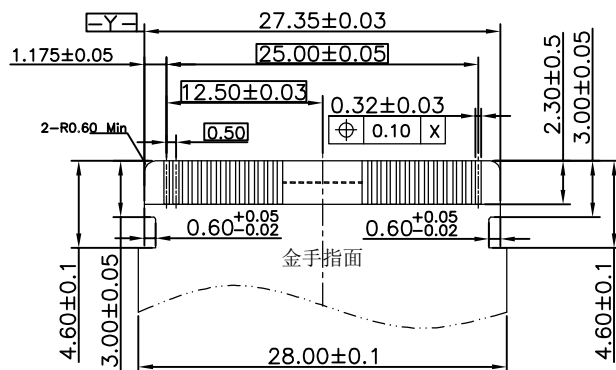
http://www.vitalconn.com



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APPLICABLE FPC RECOMMENDED DIMENSION
蓝白裸线(不接地)



APPLICABLE FPC RECOMMENDED DIMENSION
一体补强板铝箔FPC线(接地)

MILLIMETERS	INCH
X.° ±1°	X.° ±2°
.X ±0.20	.X ±0.008
.XX ±0.15	.XX ±0.006
.XXX ±0.10	.XXX ±0.004

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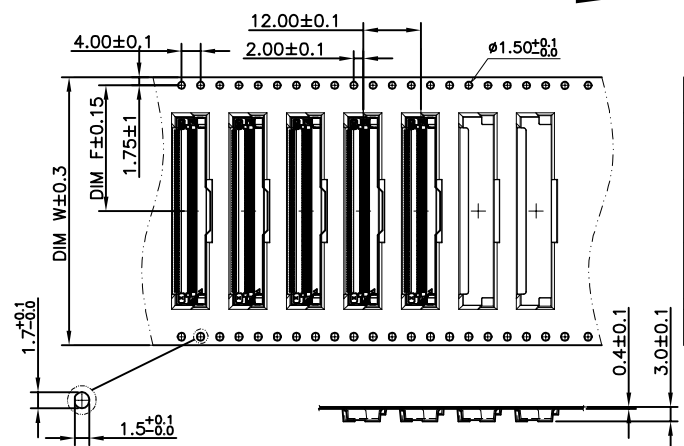
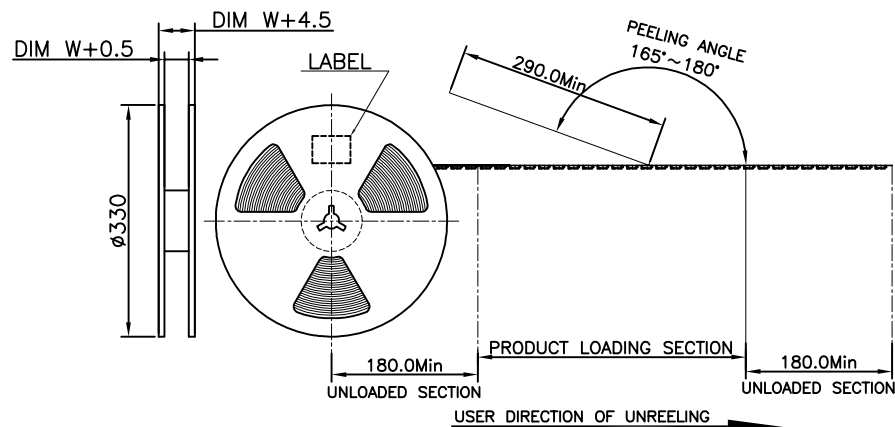
TITLE:	ZIF FPC 0.50PITCH 2.1HIGH,51Pin,ASSEMBLY				
PART NO:	F05059FA051M1WLJ9	SHEET:	2 OF 3	REV: A0	
DWG NO:	VTC-TZ-J9-018	SIZE: A4	UNIT:mm	FCN: J9	
PROJECTION:			http://www.vitalconn.com		

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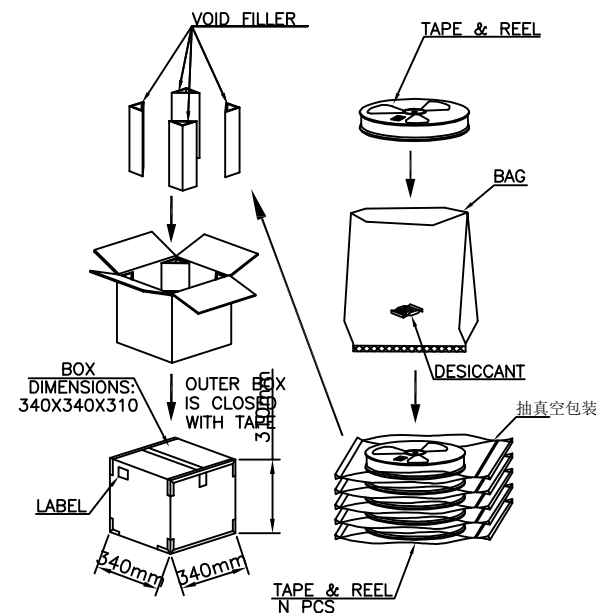
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NOTES:

1. MATERIAL:
BOX: FIBREBOARD, CORRUGATED, DOUBLE WALL, (BURSTING STRENGTH:
19Kgf/cm2, EDGE CRUSH STRENGTH: 44 LB)
TAPE: POLYSTYRENES, TRANSPARENT COLOR.
REEL: POLYSTYRENES, BLUE COLOR
BAG: POLYETHYLENE,
2. PACKAGING MATERIAL IN PLASTIC, RUBBER, INK, PIGMENT AND PAINT MUST MEET CONTROLLED SUBSTANCES SPEC PER 230-702.
CADMIUM AND CADMIUM COMPOUNDS NOT TO EXCEED 5 PPM.
LEAD, CADMIUM, CHROM VI AND MERCURY NOT TO EXCEED 100 PPM (COMBINED).
3. EACH BAG SHALL BE INCLUDED DESICCANT.
4. CARRIER TAPES, COVER TAPES, REELS AND TAPED COMPONENTS MUST MEET THE REQUIREMENTS DEFINED PER EIA-481-C.
5. PEELING STRENGTH: 0.1 ~ 1.3 N (10 ~ 130 GRAMS)
6. PEELING SPEED: 300 mm/min.



PIN NO.	PCS/REEL	PCS/BOX	GROSS WEIGHT	NET WEIGHT	DIM W	DIM F
51P	2000	12000	14.6Kg	8.6Kg	44.0	20.2



MILLIMETERS		INCH	
X.° ±1°		X.° ±2°	
X	±0.20	.X	±0.008
XX	±0.15	.XX	±0.006
XXX	±0.10	.XXX	±0.004



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TITLE:	ZIF FPC 0.50PITCH 2.1HIGH,51Pin,ASSEMBLY
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DRAWN BY:	Zou Long	PART NO:	F05059FA051M1WLJ9	SHEET:	3 OF 3	REV: A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-J9-018	SIZE: A4	UNIT:mm	FCN: J9
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com		

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