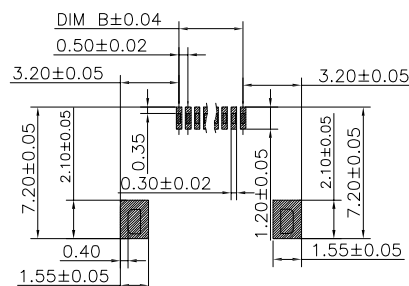
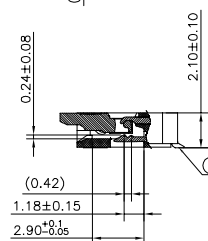
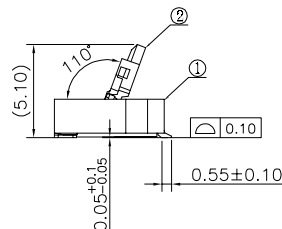
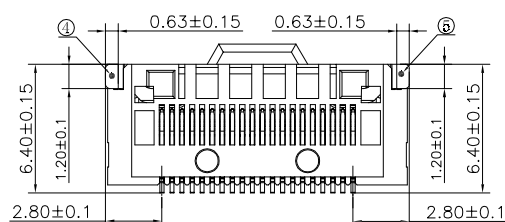
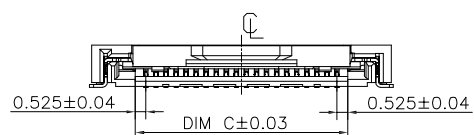
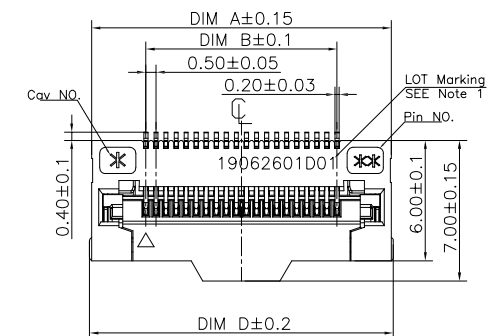




REV:	ECN. NO.	NAME	DATE
A0	----	-----	04-29-2026

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

NOTES 1(Lot No):19 06 26 01 01 D
Year of manufacturing(年) 19:2019 Year,20:2020 year
Month of manufacturing(月) 06
Date of manufacturing(日) 26
Reel Number(盘号) 01
Assembly machine no.(装配机台号) 01
Time of manufacturing(班别) D
D:Daytime(白班), N:Night(夜班)



P.C.B Layout

PIN NO.	DIM A	DIM B	DIM C	DIM D
10	9.90	4.50	5.55	10.10
12	10.90	5.50	6.55	11.10
15	12.40	7.00	8.05	12.60
18	13.90	8.50	9.55	14.10
20	14.90	9.50	10.55	15.10
24	16.90	11.50	12.55	17.10
30	19.90	14.50	15.55	20.10

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,15Pin,ASSEMBLY

PART NO:

F05057FA015M1WLJ9

SHEET:

1 OF 3

REV: A0

DWG NO:

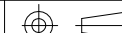
VTC-TZ-J9-041

SIZE: A4

UNIT:mm

FCN: J9

PROJECTION:



<http://www.vitalconn.com>

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

For technical support, please send an email to support@vitalconn.com

DRAWN BY:

Zou Long

CHECKED BY:

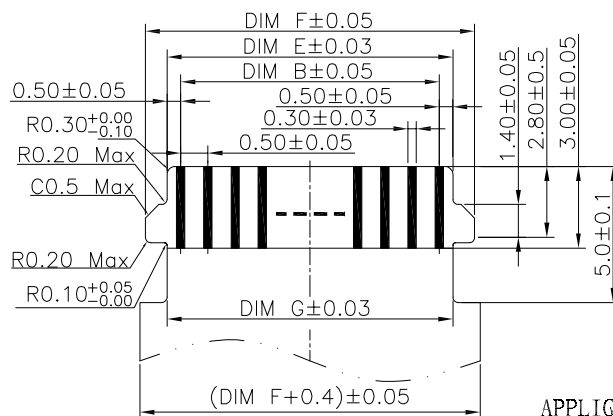
Bob

APPROVED BY:

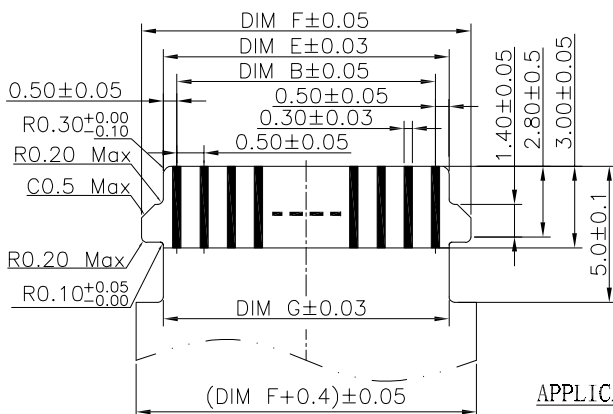
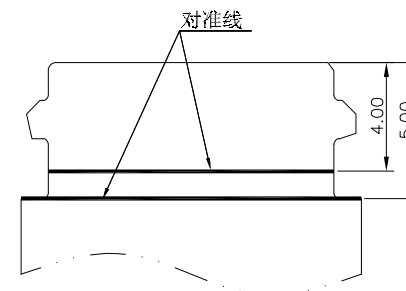
QPF



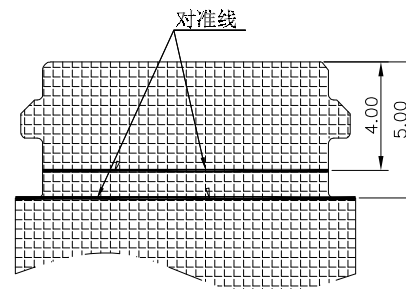
REV:	ECN. NO.	NAME	DATE
A0	----	-----	04-29-2026



APPLICABLE FPC RECOMMENDED DIMENSION
蓝白裸线(不接地)



APPLICABLE FPC RECOMMENDED DIMENSION
一体补强板铝箔FFC线



PIN NO.	DIM B	DIM E	DIM F	DIM G
10	4.50	5.50	7.10	5.50
12	5.50	6.50	8.10	6.50
15	7.00	8.00	9.60	8.00
18	8.50	9.50	11.10	9.50
20	9.50	10.50	12.10	10.50
24	11.50	12.50	14.10	12.50
30	14.50	15.50	17.10	15.50

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,15Pin,ASSEMBLY

DRAWN BY:

Zou Long

PART NO:

F05057FA015M1WLJ9

SHEET:

2 OF 3

REV: A0

CHECKED BY:

Bob

DWG NO:

VTC-TZ-J9-041

SIZE: A4

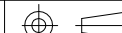
UNIT:mm

FCN: J9

APPROVED BY:

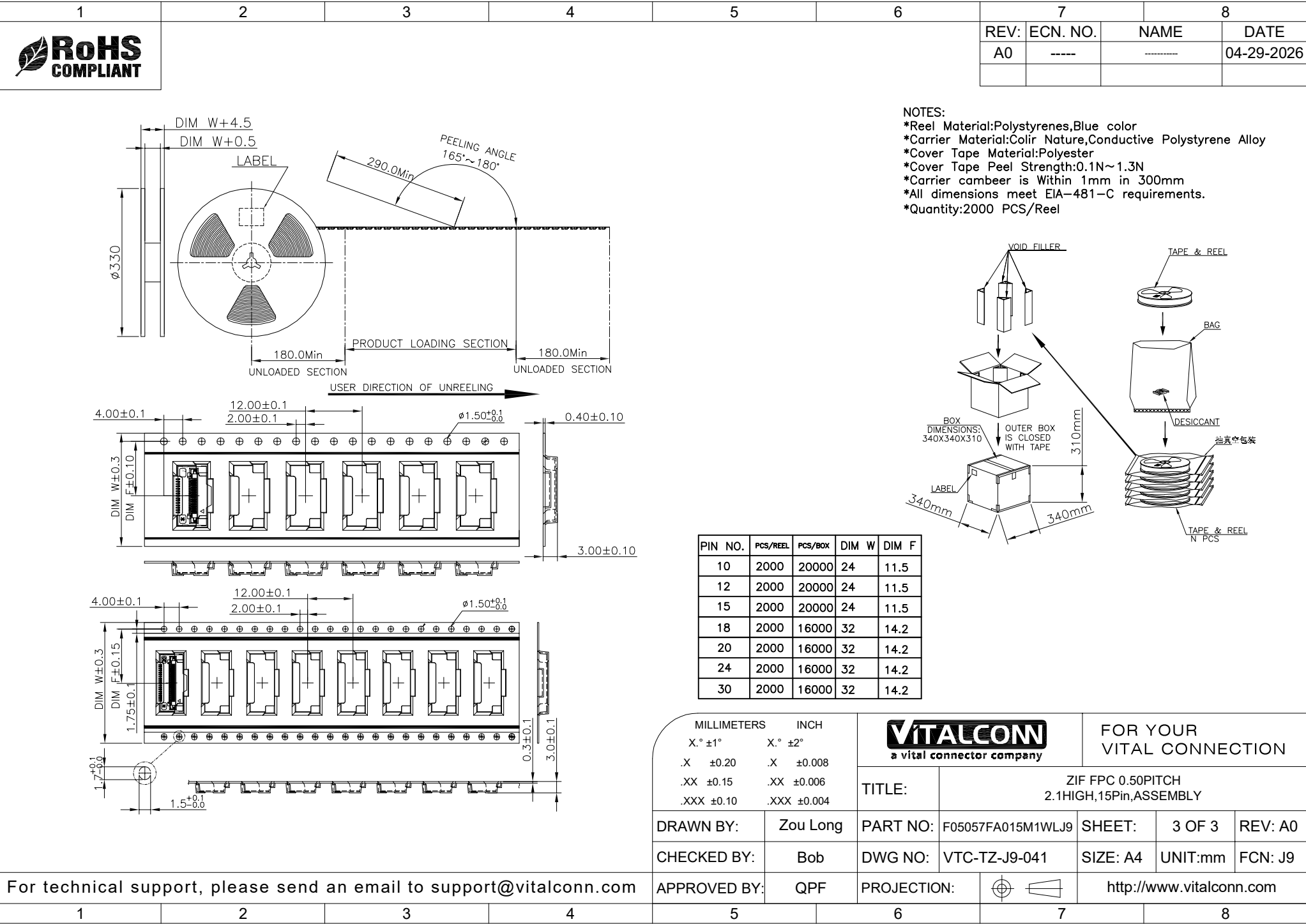
QPF

PROJECTION:



<http://www.vitalconn.com>

For technical support, please send an email to support@vitalconn.com



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

NOTES:
*Reel Material:Polystyrenes,Blue color
*Carrier Material:Colir Nature,Conductive Polystyrene Alloy
*Cover Tape Material:Polyester
*Cover Tape Peel Strength:0.1N~1.3N
*Carrier cambeer is Within 1mm in 300mm
*All dimensions meet EIA-481-C requirements.
*Quantity:2000 PCS/Reel

Technical drawing of the ZIF FPC assembly. The top view shows a circular reel with a diameter of $\phi 330$ and a central hub. Dimensions include $DIM W+4.5$, $DIM W+0.5$, and a peeling angle of $165^{\circ}\sim 180^{\circ}$. The side view shows the carrier tape with dimensions 4.00 ± 0.1 , 12.00 ± 0.1 , 2.00 ± 0.1 , and $\phi 1.50^{+0.1}_{-0.0}$. The bottom view shows the carrier tape with dimensions 4.00 ± 0.1 , 12.00 ± 0.1 , 2.00 ± 0.1 , and $\phi 1.50^{+0.1}_{-0.0}$. The drawing also indicates the 'PRODUCT LOADING SECTION', 'UNLOADED SECTION', and 'USER DIRECTION OF UNREELING'.

Assembly flow diagram showing the process from tape and reel to the final assembly. The process includes: TAPE & REEL, VOID FILLER, BAG, DESICCANT, and TAPE & REEL N PCS. The diagram also shows the assembly of the ZIF FPC assembly into the carrier tape.

PIN NO.	PCS/REEL	PCS/BOX	DIM W	DIM F
10	2000	20000	24	11.5
12	2000	20000	24	11.5
15	2000	20000	24	11.5
18	2000	16000	32	14.2
20	2000	16000	32	14.2
24	2000	16000	32	14.2
30	2000	16000	32	14.2

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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FOR YOUR
VITAL CONNECTION

TITLE:

ZIF FPC 0.50PITCH
2.1HIGH,15Pin,ASSEMBLY

DRAWN BY:	Zou Long	PART NO:	F05057FA015M1WLJ9	SHEET:	3 OF 3	REV: A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-J9-041	SIZE: A4	UNIT:mm	FCN: J9
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com		

For technical support, please send an email to support@vitalconn.com

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

NOTES:
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10	2000	20000	24	11.5
12	2000	20000	24	11.5
15	2000	20000	24	11.5
18	2000	16000	32	14.2
20	2000	16000	32	14.2
24	2000	16000	32	14.2
30	2000	16000	32	14.2

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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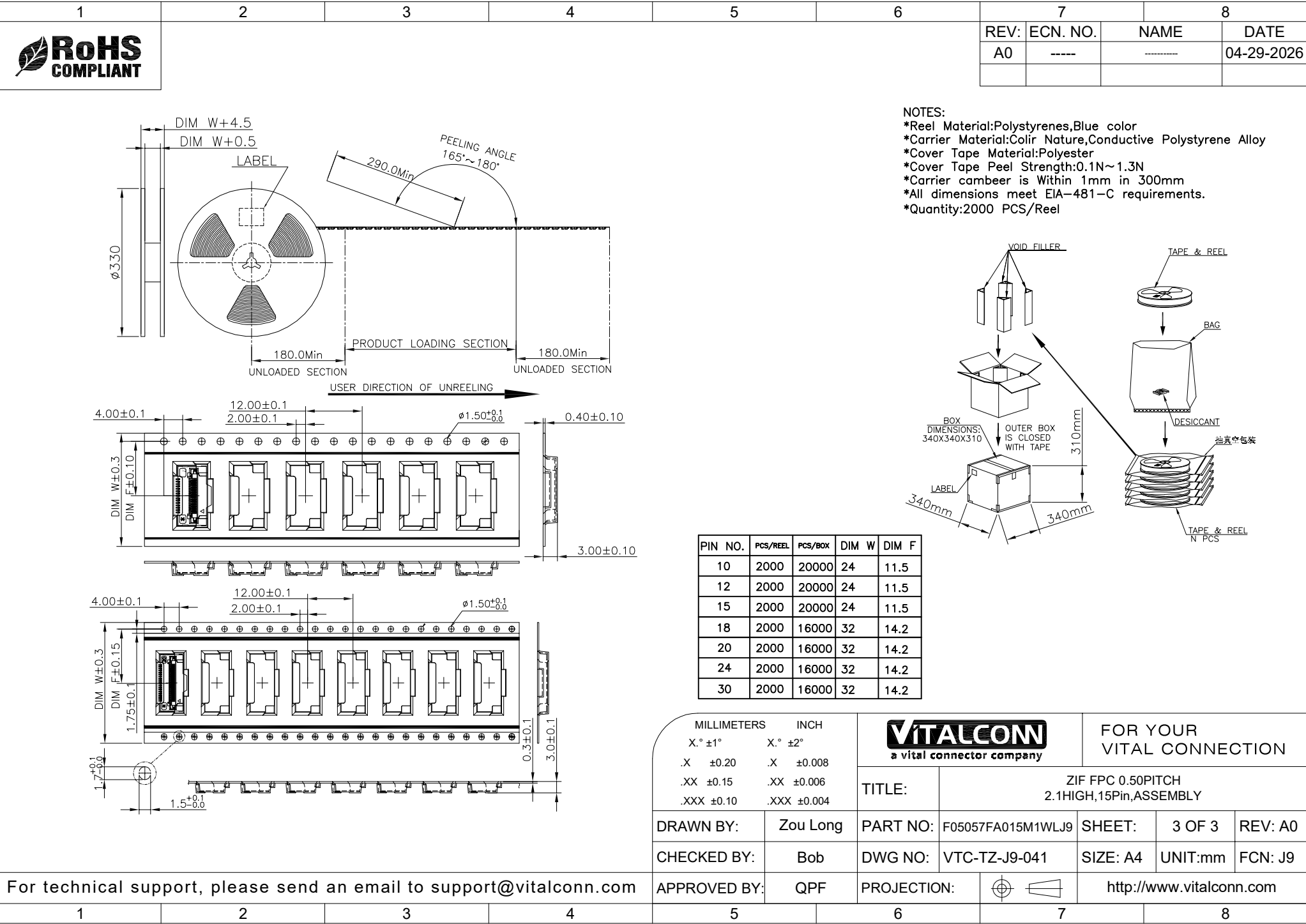
FOR YOUR
VITAL CONNECTION

TITLE:

ZIF FPC 0.50PITCH
2.1HIGH,15Pin,ASSEMBLY

DRAWN BY:	Zou Long	PART NO:	F05057FA015M1WLJ9	SHEET:	3 OF 3	REV: A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-J9-041	SIZE: A4	UNIT:mm	FCN: J9
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com		

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[illegible]

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

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 *Carrier Material:Colir Nature,Conductive Polystyrene Alloy
 *Cover Tape Material:Polyester
 *Cover Tape Peel Strength:0.1N~1.3N
 *Carrier cambeer is Within 1mm in 300mm
 *All dimensions meet EIA-481-C requirements.
 *Quantity:2000 PCS/Reel

VOID FILLER

TAPE & REEL

BAG

DESICCANT

BOX DIMENSIONS: 340X340X310

OUTER BOX IS CLOSED WITH TAPE

310mm

340mm

340mm

TAPE & REEL N PCS

抽真空包裝

PIN NO.	PCS/REEL	PCS/BOX	DIM W	DIM F
10	2000	20000	24	11.5
12	2000	20000	24	11.5
15	2000	20000	24	11.5
18	2000	16000	32	14.2
20	2000	16000	32	14.2
24	2000	16000	32	14.2
30	2000	16000	32	14.2

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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FOR YOUR VITAL CONNECTION

TITLE:

ZIF FPC 0.50PITCH
2.1HIGH,15Pin,ASSEMBLY

DRAWN BY:	Zou Long	PART NO:	F05057FA015M1WLJ9	SHEET:	3 OF 3	REV: A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-J9-041	SIZE: A4	UNIT:mm	FCN: J9
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com	