



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°C TO +85°C
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)
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)

掀盖示意图

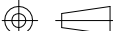
SECTION A-A

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

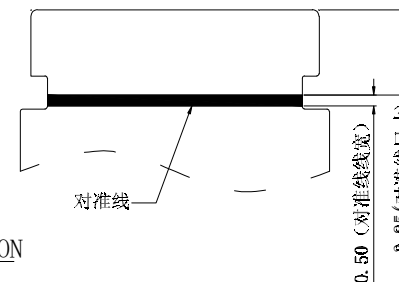
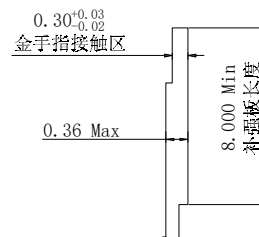
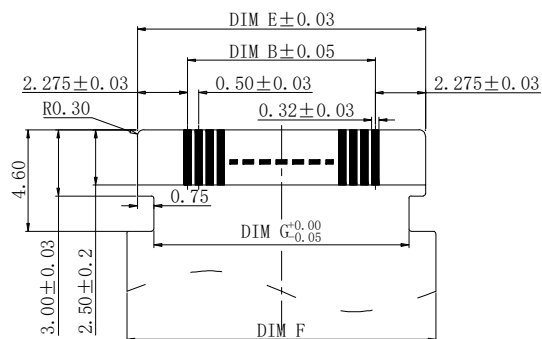
PIN NO.	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F
60	37.00	29.50	37.20	34.10	32.60	15
68	41.00	33.50	41.20	38.10	36.60	
80	47.00	39.50	47.20	44.10	42.60	20
96	55.00	47.50	55.20	52.10	50.60	

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

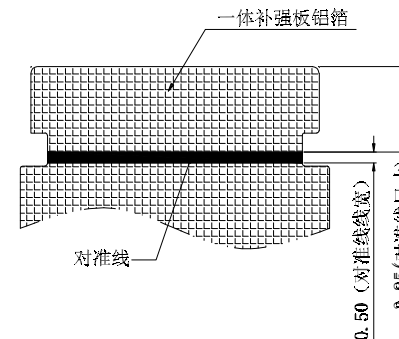
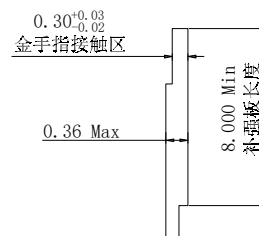
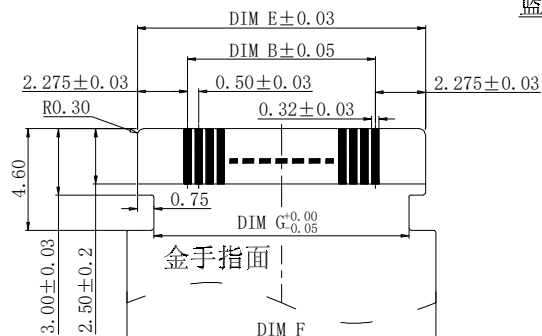
MILLIMETERS		INCH		VITALCONN a vital connector company		FOR YOUR VITAL CONNECTION		
X.° ±1°	X.° ±2°	X.° ±0.20	X.° ±0.008					
.XX ±0.15	.XX ±0.006			TITLE:	ZIF FPC 0.50PITCH 2.1HIGH,96Pin,ASSEMBLY			
.XXX ±0.10	.XXX ±0.004							
DRAWN BY:	Zou Long	PART NO:	F05055FA096M1WLJ9	SHEET:	1 OF 3	REV: A0		
CHECKED BY:	Bob	DWG NO:	VTC-TZ-J9-032	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

PIN NO.	DIM B	DIM E	DIM F	DIM G
60	29.50	34.05	35.00	32.55
68	33.50	38.05	39.00	36.55
80	39.50	44.05	45.00	42.55
96	47.50	52.05	53.00	50.55

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,96Pin,ASSEMBLY

DRAWN BY:

Zou Long

PART NO:

F05055FA096M1WLJ9

SHEET:

2 OF 3

REV: A0

CHECKED BY:

Bob

DWG NO:

VTC-TZ-J9-032

SIZE: A4

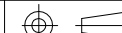
UNIT:mm

FCN: J9

APPROVED BY:

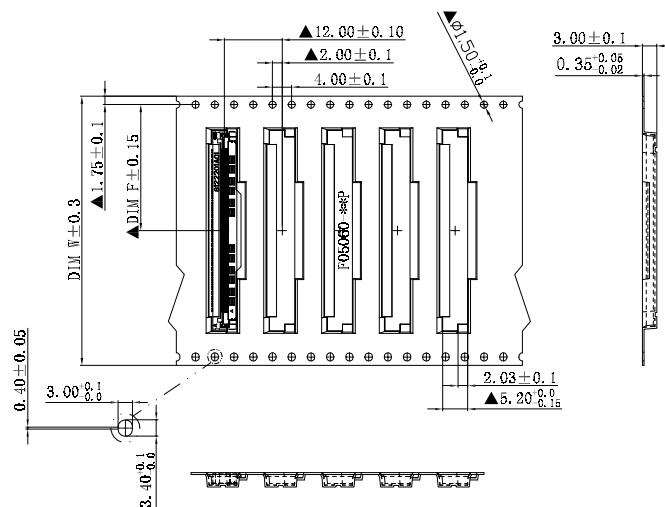
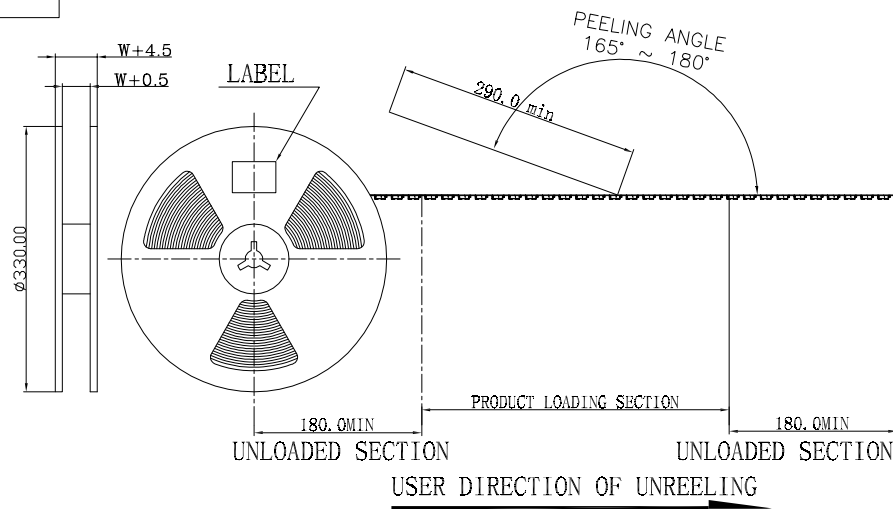
QPF

PROJECTION:



<http://www.vitalconn.com>

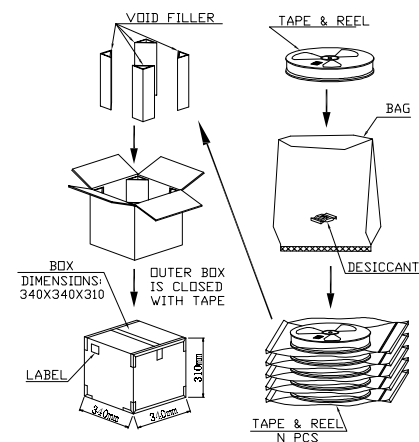
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PIN NO.	PCS/REEL	PCS/BOX	DIM W	DIM F
60	2000	10000	56	26.2
68	2000	10000	56	26.2
80	2000	8000	72	34.2
96	2000	8000	72	34.2

NOTES:

- 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
- 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).
- EACH BAG SHALL BE INCLUDED DESICCANT.
- CARRIER TAPES, COVER TAPES, REELS AND TAPED COMPONENTS MUST MEET THE REQUIREMENTS DEFINED PER EIA-481-C.
- PEELING STRENGTH: 0.1 ~ 1.3 N (10 ~ 130 GRAMS)
- PEELING SPEED: 300 mm/min.



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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

VITALCON
a vital connector company

FOR YOUR
VITAL CONNECTION

DRAWN BY:	Zou Long	PART NO:	F05055FA096M1WLJ9	SHEET:	3 OF 3	REV: A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-J9-032	SIZE: A4	UNIT:mm	FCN: J9
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com		