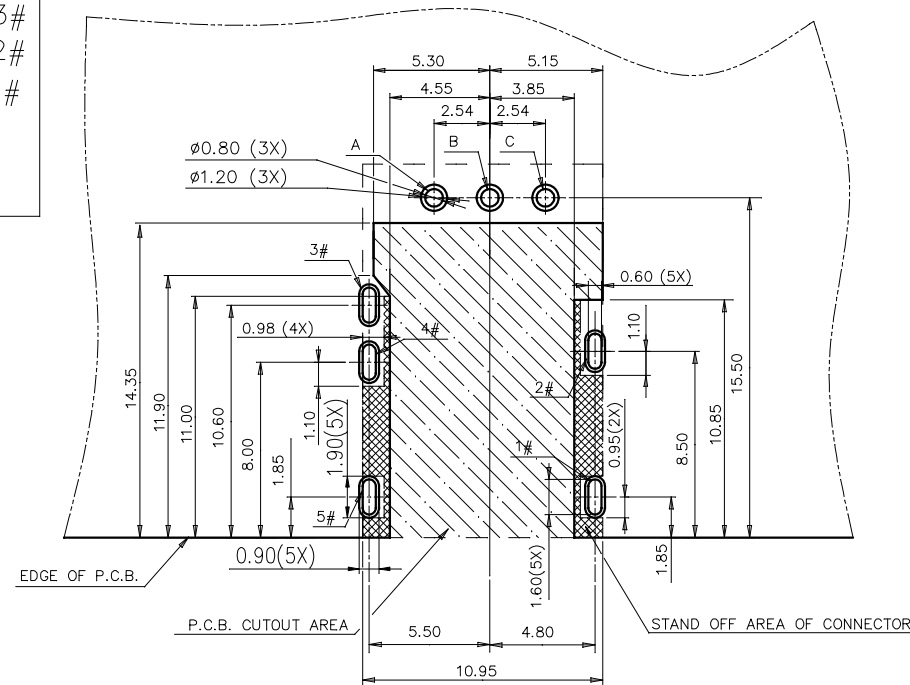
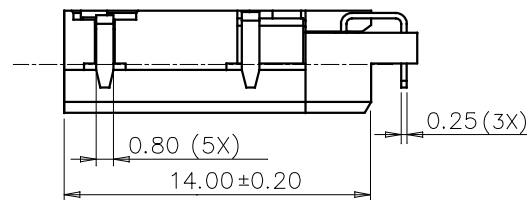
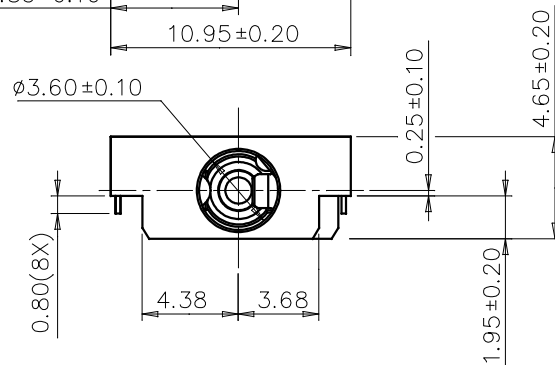
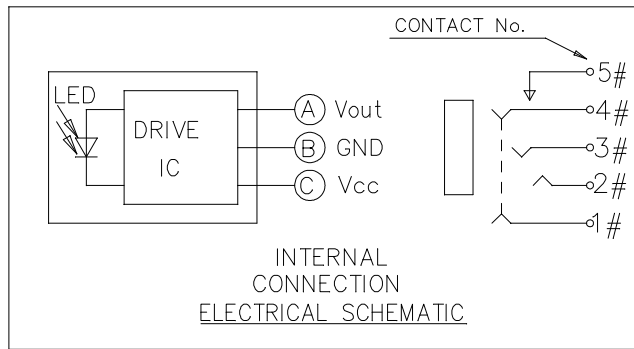
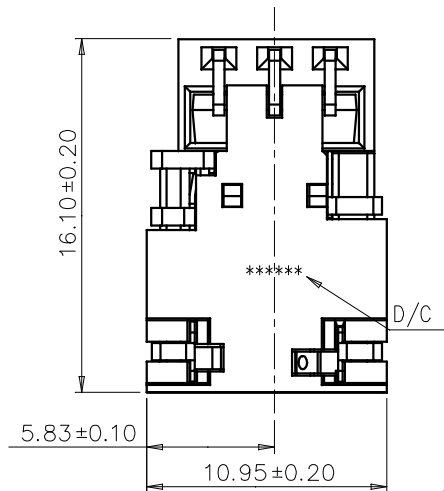


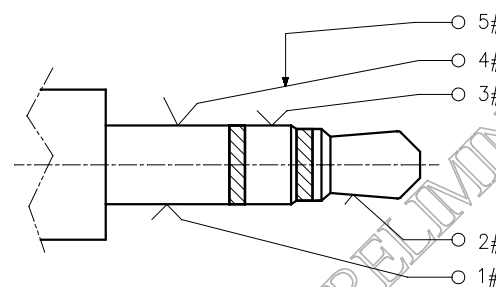
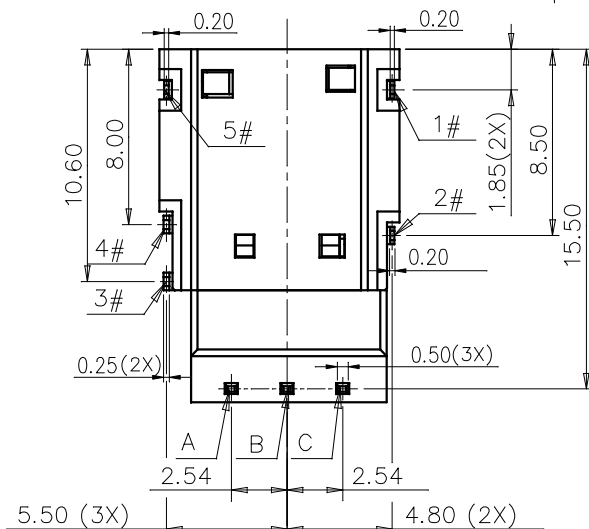
REV.	ECN No.	APPD.
A	BC-17-0017755	Shih-Wei Hsiao
AX1	2017-07-11	Shih-Wei Hsiao
AX2	2017-08-18	Shih-Wei Hsiao



TOP VIEW FROM COMPONENT SIDE

NOTES:

1. RECOMMENDED THICKNESS OF P.C.B.: 0.80mm
DEFAULT VALUE: .XX±0.05
2. RECOMMENDED THICKNESS OF SOLDER PAD: 0.15mm



ELECTRICAL SCHEMATIC (AFTER PLUG IN)

X.±	X°± 2°	UNITS	mm	NAME(INTENDED USE)	FOXCONN®
.X± 0.38	.X°±	MAT'L		POF Connector	FOXCONN INTERCONNECT TECHNOLOGY LIMITED
.XX± 0.25	.XX°±			PART NO.(INTENDED USE)	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX±	.XXX°±	FINISH		2FJ1101-ERDB0-7H	TITLE: CUSTOMER DRAWING
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				CHKD: Yen-Chih Chang	
				DR: Yanfei Wu 08/18'17	
					SCALE SHEET REV. N/A 1/4 AX2

SPECIFICATION:

1. ELECTRICAL CHARACTERISTICS:

1-1. CURRENT RATING: 1 AMPERES MAX.

1-2. VOLTAGE RATING: 3V DC.

1-3. WITHSTANDING VOLTAGE: 500V AC FOR 1Minute.

1-4. INSULATION RESISTANCE: 100 MEGOHMS MIN.

1-5. CONTACT RESISTANCE:

INITIAL: 50 mOHMS MAX.

AFTER 1500 CYCLES: 100 mOHMS MAX.

2. MECHANICAL CHARACTERISTICS:

2-1. DURABILITY (MATING/UNMATING CYCLES):

1500 CYCLES FOR OPTICAL FIBER PLUG;

5000 CYCLES FOR AUDIO PLUG;

2-2. OPERATING TEMPERATURE AND HUMIDITY RANGE:

-25°C TO +70°C, 85% RH OR LESS.

2-3. MATING AND UNMATING FORCE IS 0.3~3.0kgf.

3. ELECTRO-OPTICAL CHARACTERISTICS:

3-1. PHOTOLINK-FIBER OPTIC RECEIVER

3-2. OPERATING POWER SUPPLY VOLTAGE 2.40~5.50V.

3-3. PEAK SENSITIVITY WAVELENGTH 650 nM.

3-4. HIGH SPEED SIGNAL TRANSMISSION: 25Mbps NRZ Signal

3-5. I_{cc} DISSIPATION CURRENT 4.5mA MAX.

3-6. HIGH-LEVEL OUTPUT VOLTAGE 2.4V MIN.

3-7. LOW-LEVEL OUTPUT VOLTAGE 0.4V MAX.

4. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY

PRODUCT DETAIL&AVAILABILITY.

5. PRODUCT USER GUIDE: AFTER PACKING HAS BEEN OPENED 168 HOURS,
PARTS MUST BE BAKED FOR MIN.5 DAYS AT 40°C AND 5% RH.

6. RECOMMENDED PROCESS CONDITION: SOLDERING TEMPERATURE ,260°C ,3~5S.

7. HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC.NO. "EPI12"

MATERIAL AND FINISH

1.CONTACTS: COPPER ALLOY,GOLD PLATED AT CONTACT AREA

2.LED: TIN PLATED ,COLLOID COLOR:PINK OR SLIGHTLY PURPLE

3.HOUSING: HIGH TEMP. THERMOPLASTIC,UL 94V-0

REMARK:

PART NO. : 2FJ1101-ERDB0-7H

FAMILY

2F=POF CONNECTOR

SERIES

J= MINI JACK TYPE

TERMINATOR TYPE

1=RIGHT ANGLE THROUGH HOLE

PRODUCT CONFIGURATION

1=SINGLE PORT

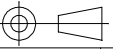
BUSH CODE

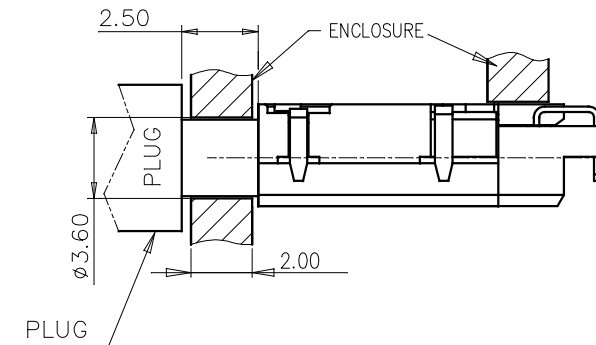
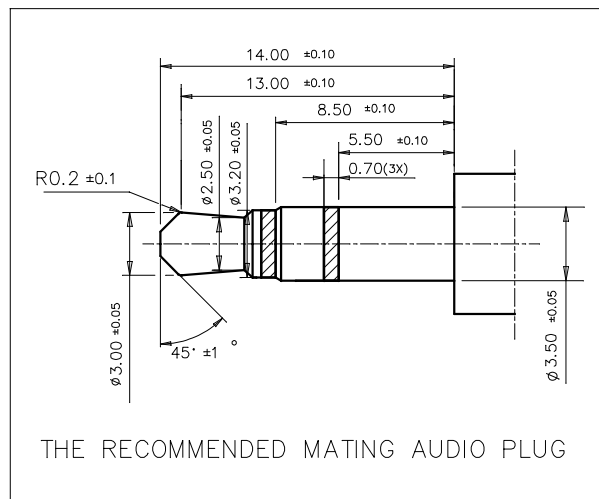
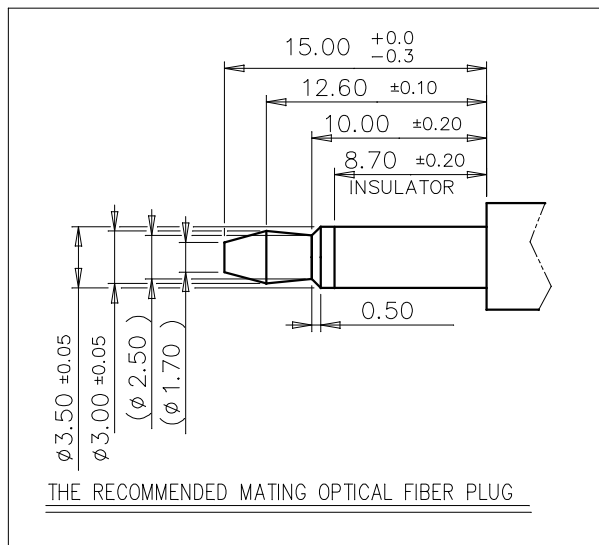
0=WITHOUT RING

CONTACT AREA PLATING

1=GOLD PLATING

F= LEAD FREE PROCESS
H= HALOGEN FREE PROCESSPACKING TYPE
7=TAPE&REELTAIL LENGTH
0=0.80 mmHOUSING COLOR
B=BLACKTRANSMISSION SPEED
D= 20~29MbpsDRIER TYPE
R= RECEIVERPLASTIC MATERIAL
E= HIGH TEMPERATURE HOUSING

X.±	X°.±	UNITS mm	NAME(INTENDED USE) POF Connector	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED		
.X± 0.38	.X°.±	MAT'L	PART NO.(INTENDED USE) 2FJ1101-ERDB0-7H	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL		
.XX± 0.25	.XX°.±		APPD: Shih-Wei Hsiao	TITLE: CUSTOMER DRAWING		
.XXX±	.XXX°.±	FINISH	CHKD: Yen-Chih Chang	DWG NO.: 305-0000-6633		
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				SCALE	SHEET	REV.
				N/A	2/4	AX1

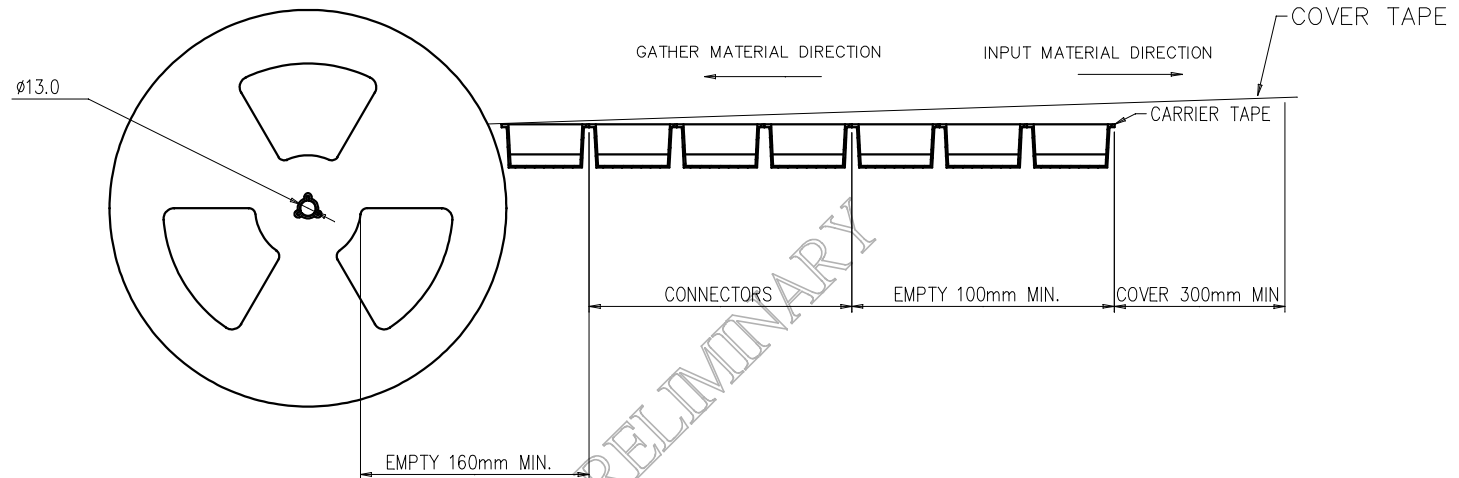
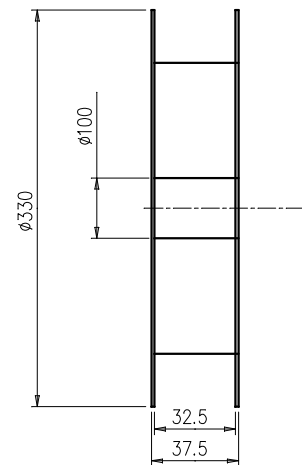
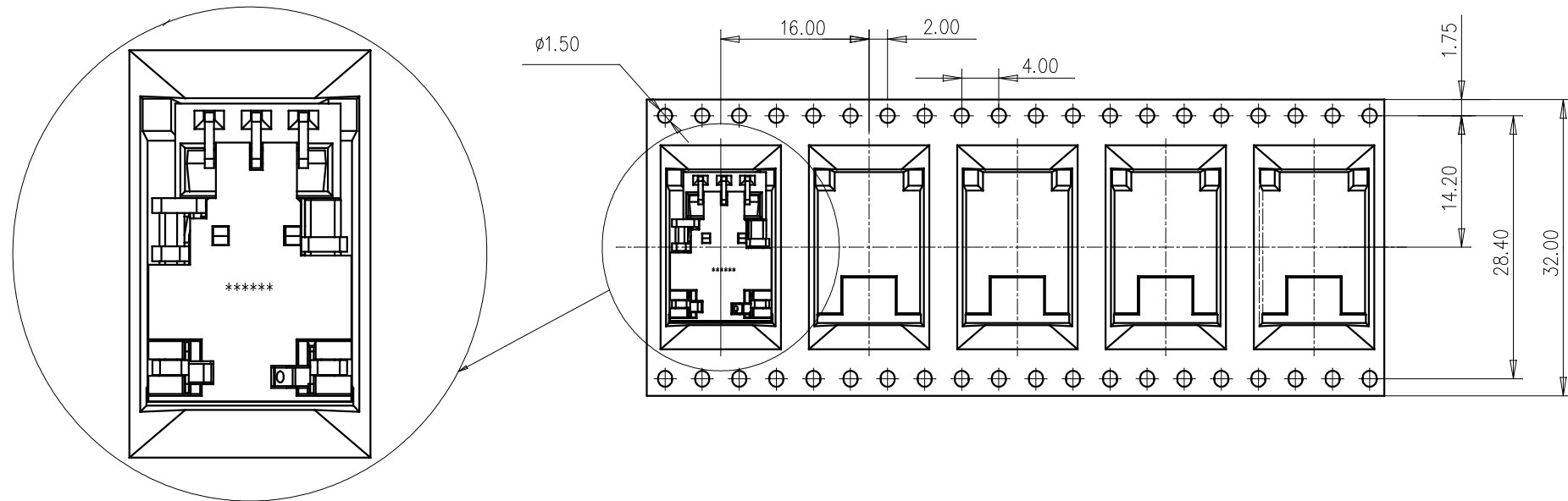


NOTE:

- a. CUSTOMIZED PROFILE TYPE, ITS STRENGTH DEPENDS ON THE MATING CONDITION BETWEEN CONNECTOR AND ENCLOSURE. SIDE LOADING IS FORBIDDEN WITHOUT ENCLOSURE PROTECTED.
- b. IF CUSTOMER NEED LOADING REQUIREMENTS, PLEASE CONTACT WITH FIT SALES.

X. ±	X ₂ ±	UNITS mm	NAME(INTENDED USE) POF Connector	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED										
.X ±	.X ₂ ±			MAT'L	PART NO.(INTENDED USE) 2FJ1101-ERDB0-7H	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL								
.XX ± 0.10	.XX ₂ ±	FINISH	APPD: Shih-Wei Hsiao			TITLE: CUSTOMER DRAWING								
.XXX ±	.XXX ₂ ±			Q'TY	CHKD: Yen-Chih Chang	DWG NO.: 305-0000-6633								
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							SCALE	SHEET	REV.					
							N/A	3/4	AX1					

DRAW (1) CARRIER TAPE



DRAW (2) TAPE & REEL PACKAGE

PACKAGE SPEC.	PCS/REEL	REEL/BOX	PCS/BOX
	750	6	4500

X. ± 1.50	X°. ±	UNITS mm	NAME (INTENDED USE) POF Connector	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED
.X ± 0.50	.X°. ±	MAT'L	PART NO. (INTENDED USE) 2FJ1101-ERDB0-7H	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XX ± 0.25	.XX°. ±	FINISH	APPD: Shih-Wei Hsiao	TITLE: CUSTOMER DRAWING
.XXX ±	.XXX°. ±	Q'TY	CHKD: Yen-Chih Chang	DWG NO.: 305-0000-6633
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