

REV.	ECN. NO.	APPD.
A	BC-15-0019374	Adward Zheng
B	BC-16-0034173	Adward Zheng

NOTES:

1. ELECTRICAL CHARACTERISTICS:

- 1-1. CONTACT CURRENT RATING: 0.5A MAX.
RATED VOLTAGE: 40V AC
- 1-2. CONTACT RESISTANCE:
INITIAL: EXCLUDING CONDUCTOR RESISTANCE 10 mOHMS MAX.
AFTER TEST: CHANGE FROM INITIAL VALUE 30 mOHMS MAX.
- 1-3. SHELL RESISTANCE:
INITIAL: 50 mOHMS MAX.
AFTER TEST: CHANGE FROM INITIAL VALUE 50 mOHMS MAX.
- 1-4. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC RMS.
- 1-5. INSULATION RESISTANCE:
UNMATED PLUG: 100 MOHMS MIN. AT 500V DC.
MATED PLUG: 10 MOHMS MIN. AT 150V DC.

2. MECHANICAL CHARACTERISTICS:

- 2-1. CONNECTOR MATING FORCE: 4.5Kgf MAX.
- 2-2. CONNECTOR UNMATING FORCE:
INITIAL: 1.0~4.0 Kg.
- 2-3. DURABILITY: 10000 CYCLES.
- 2-4. OPERATING TEMPERATURE RANGE: -40~85°C; HUMIDITY: 85% RH MAX.

3. RECOMMENDED PROCESS: IR REFLOW, PEAK TEMPERATURE 230°C~250°C, 20s~40s.

PRODUCT NO.: QJ51191 - LFB4 - 7*

HDMI Conn. _____
High Definition Media Interface
Termination Type _____
5= Right Angle, SMT
Connector Type _____
1= Receptacle
No. of Contact Position _____
19= 19pin
Contact Area Plating _____
1= Gold Flash Plating

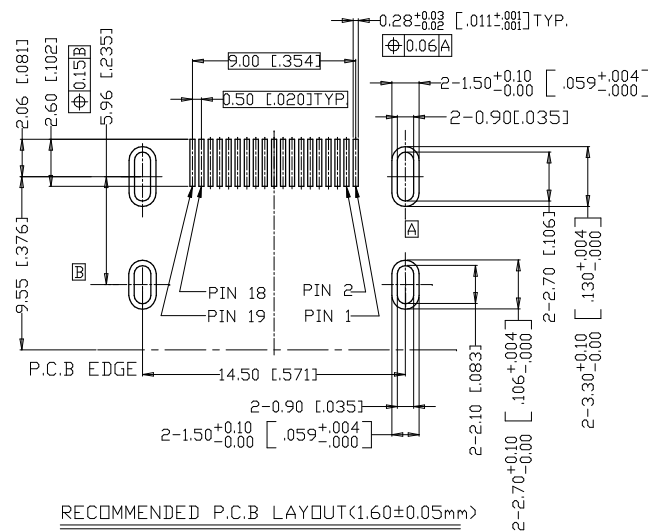
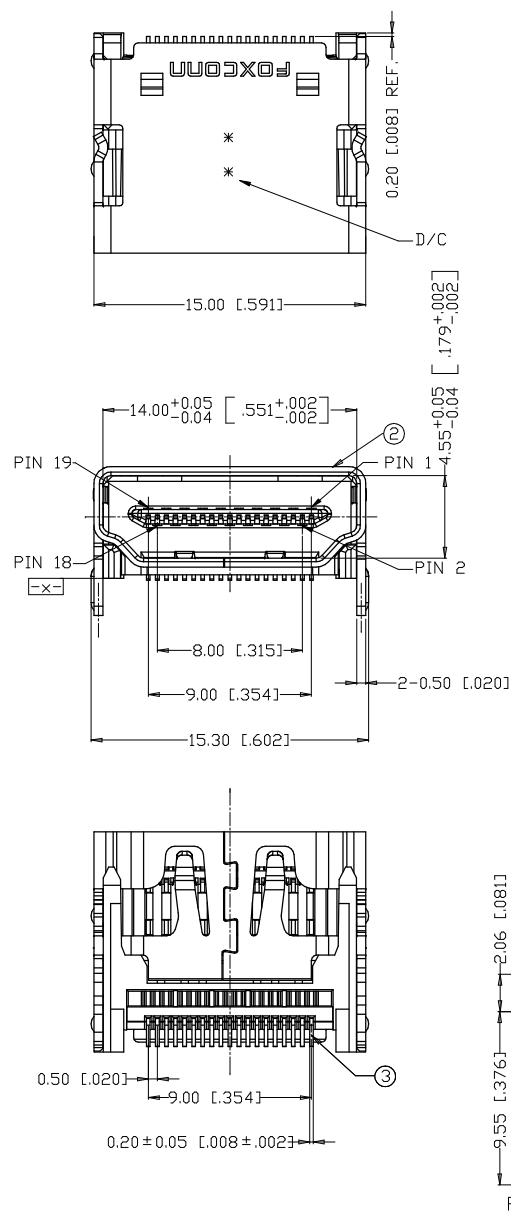
Lead Free Code
F= Lead Free
H= Halogen free

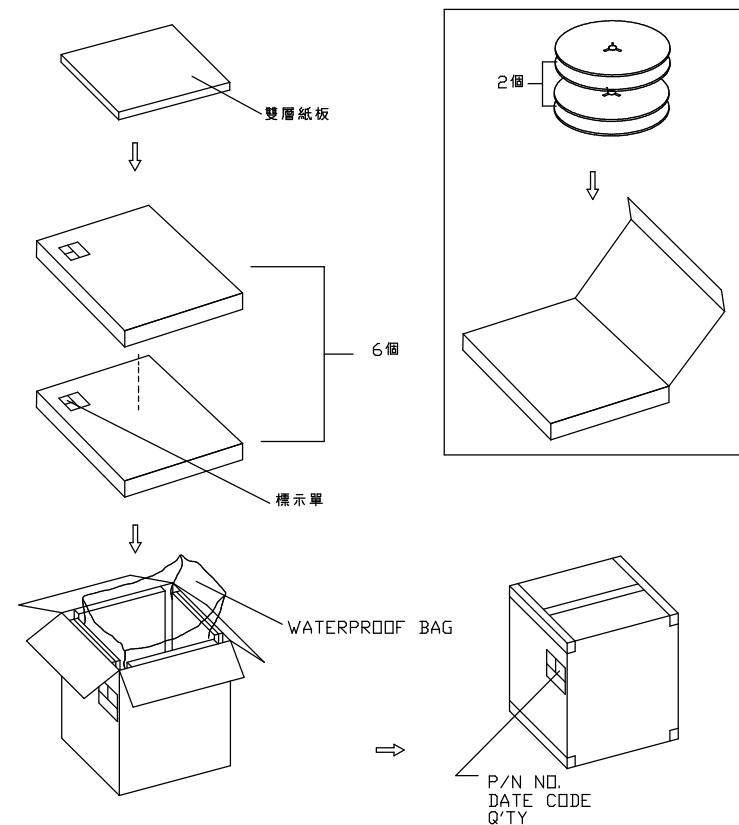
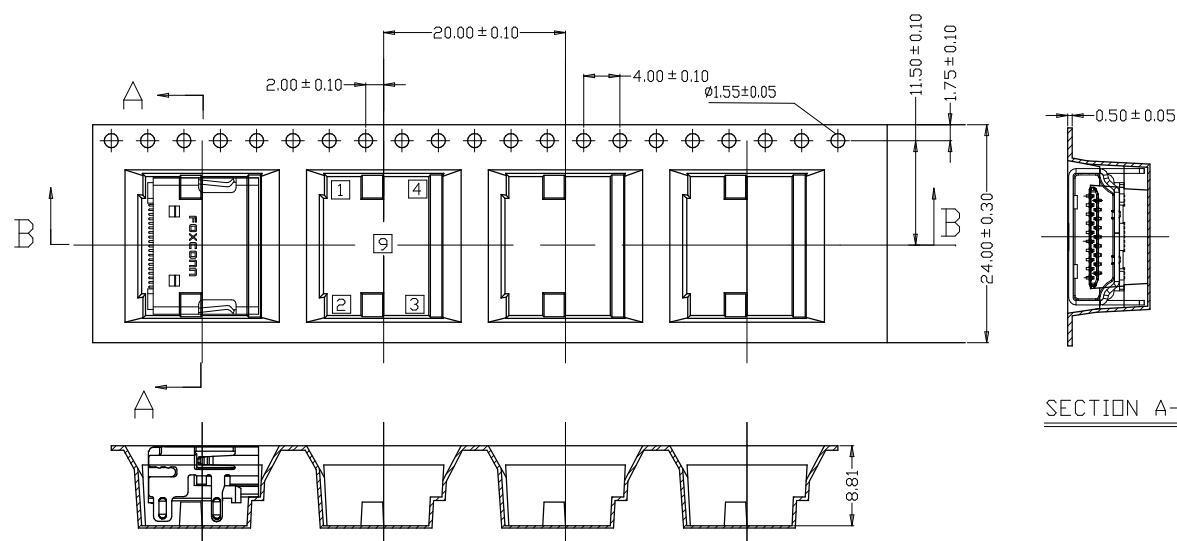
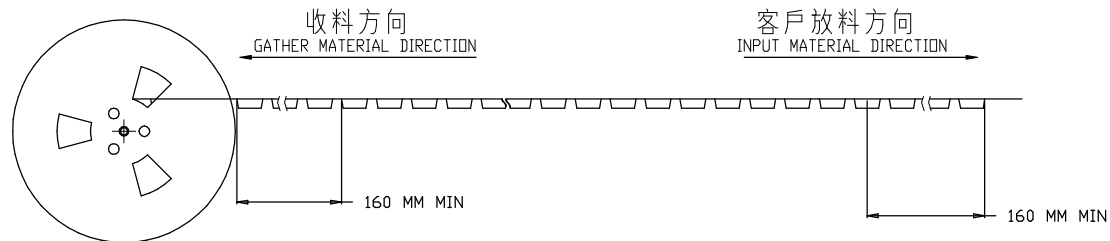
Package Code
7= Tape Reel

Extension Code

ITEM	DESCRIPTION	QTY	MATERIAL	TREATMENT	REMARK
③	CONTACT	19	BRASS C2680	(1) NICKEL 50u" MIN PLATING OVERALL; (2) TIN 50u" MIN PLATING AT SOLDER AREA; (3) 1u" MIN GOLD PLATING CONTACT AREA.	
②	SHELL	1	BRASS C2680	NI 100u" MIN PLATED OVER ALL	
①	HOUSING	1	THERMAL PLASTIC LCP, UL94V-0	MOLDED COLOR: BLACK	
X. ±	X ±	UNITS	mm [Inch]	NAME (INTENDED USE)	FOXCONN®
.X ±	.X ±	MAT'L		CUSTOMER	FOXCONN INTERCONNECT TECHNOLOGY LIMITED
.XX ±	.XX ±	N/A		PART NO. (INTENDED USE)	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.XXX ±	.XXX ±	FINISH		QJ51191-LFB4-7*	TITLE: HDMI RECEPTACLE TYPE A 19 PIN, SMT TYP
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED, AND SHALL NOT BE REPRODUCED COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED.				APPD: Dean Zhang 08/22/16	DWG NO: 301-0000-2796
				CHKD: F.H Shu 08/22/16	
				DR: Jianbo Zhou 08/22/16	
				Q'TY	SCALE SHEET REV. 1:1 1/2 B

RECOMMENDED P.C.B LAYOUT (1.60±0.05mm)
COMPONENT SIDE (TOL: ±0.05 [.002])





PACKAGE INFORMATION:

PCS/REEL	REEL/BOX	PCS/BOX
300 pcs	12	3600 pcs

X. ±	X ±	UNITS mm [Inch]	NAME(INTENDED USE) CUSTOMER	FOXCONN® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X ± 0.30 [.012]	.X ±	MAT'L N/A	PART NO.(INTENDED USE) QJ51191-LFB4-7*	
.XX ± 0.25 [.010]	.XX ±	FINISH N/A	APPD: Dean Zhang 08/22'16	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.XXX ±	.XXX ±	Q'TY N/A	CHKD: F.H Shu 08/22'16	TITLE: HDMI RECEPTACLE TYPE A 19 PIN,SMT TYP
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED, AND SHALL NOT BE REPRODUCED COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED			DR: Jianbo Zhou 08/22'16	DWG NO: 301-0000-2796
				SCALE SHEET REV. 1:1 2/2 B