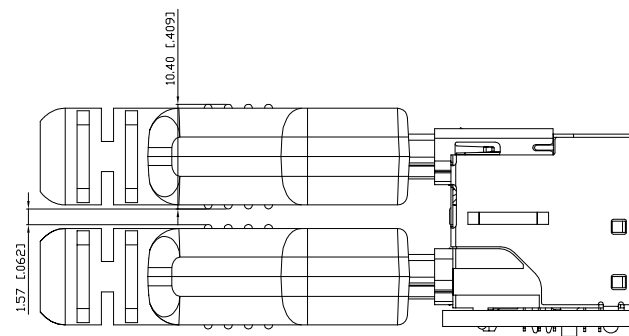
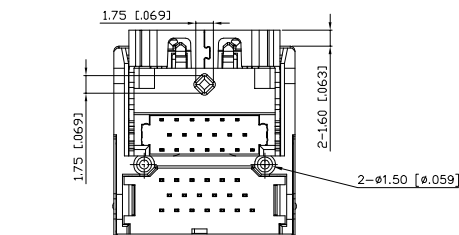
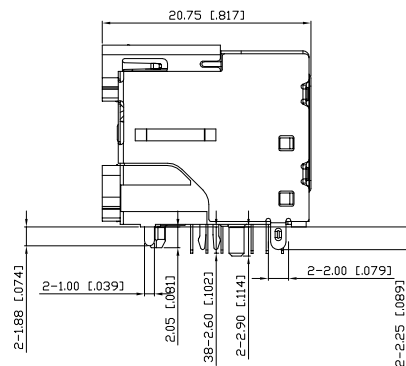
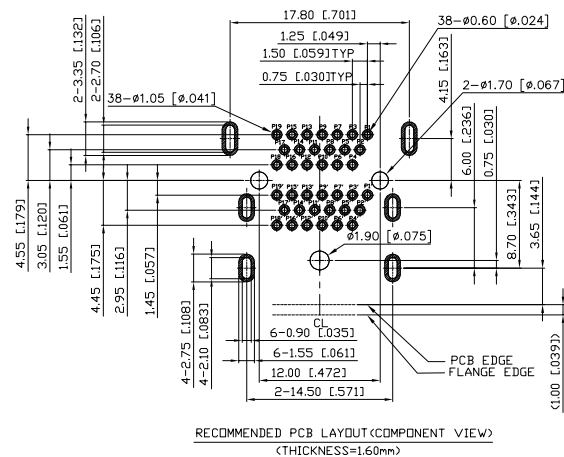
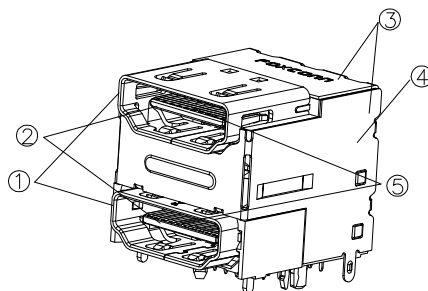
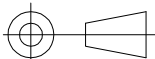


REV.	ECN. NO.	APPD.
A	BC-14-0003238	Adward



X.±	X.*±	UNITS ^{mm} [Inch]	NAME(INTENDED USE)	FOXCONN			
.X± ^{0.38} [.015]	.X.*±	MAT'L N/A	CUSTOMER	FOXCONN INTERCONNECT TECHNOLOGY LIMITED			
.XX± ^{0.25} [.010]	.XX.*±		PART NO.(INTENDED USE)	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL			
.XXX±	.XXX.*±	FINISH N/A	QJ1119*-DFB1-4*	Dual HDMI TITLE: RECEPTACLE CONNECTOR			
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.		Q'TY N/A	APPD: Dean Zhang 01/17'14	DWG NO.: 301-0000-2894			
			CHKD: F.H Shu 01/17'14		SCALE	SHEET	REV.
			DRAW: L.L Zhao 01/17'14		N/A	1/2	A

IDEAS GENERATED DRAWING. DON'T CHANGE BY HAND.

REV. ECN. NO. APPD.

SEE SHEET 1/2

NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING: 0.5A MIN.
RATED VOLTAGE: 40V AC
 - CONTACT RESISTANCE:
EXCLUDING CONDUCTOR RESISTANCE 30mΩHMS MAX.
AFTER TEST: CHANGE FROM INITIAL VALUE 30 mΩHMS MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC RMS.
 - INSULATION RESISTANCE:
UNMATED PLUG: 100 MOHMS MIN. AT 500V DC.
MATED PLUG: 10 MOHMS MIN. AT 150V DC.
- MECHANICAL CHARACTERISTICS:
 - CONNECTOR MATING FORCE: 4.5Kgf MAX.
 - CONNECTOR UNMATING FORCE: 1.0~4.0 Kgf.
 - DURABILITY: 10000 CYCLES.
 - OPERATING TEMPERATURE RANGE: -40~+85°C; HUMIDITY: 85% RH MAX.
- RECOMMENDED PCB THICKNESS: 1.60±0.05 [0.063±.002].
- RECOMMENDED PCB LAYOUT DIMENSION TOLERANCE ±0.05 [0.002].
- RECOMMENDED PROCESS: WAVE SOLDER, PEAK TEMP. 260°C, 3~5 SEC.
- THE CONNECTOR IS ROHS COMPLIANT.

PRODUCT NO.: QJ 1 1 1 9 * - DFB1 - 4 *

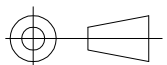
HDMI Conn. _____
High Definition Media Interface
Termination Type _____
1=Right Angle, T/H
Connector Type _____
1=Receptacle
No. of Contact Position _____
19=19pin
Contact Area Plating _____
1=Gold Flash Plating
3=Gold Plating 30u"
7=15u" Gold Plating

Lead Free Code
F=Lead Free
H=Halogen Free
Package Code
4 = Soft Tray
Extension Code

PIN ASSIGNMENTS

PIN NO.	SIGNAL NAME	PIN NO.	SIGNAL NAME
P1(P1')	TMDS_DATA2+	P2(P2')	TMDS_DATA2_SHIELD
P3(P3')	TMDS_DATA2-	P4(P4')	TMDS_DATA1+
P5(P5')	TMDS_DATA1_SHIELD	P6(P6')	TMDS_DATA1-
P7(P7')	TMDS_DATA0+	P8(P8')	TMDS_DATA0_SHIELD
P9(P9')	TMDS_DATA0-	P10(P10')	TMDS_CLOCK+
P11(P11')	TMDS_CLOCK_SHIELD	P12(P12')	TMDS_CLOCK-
P13(P13')	CEC	P14(P14')	RESERVED (N.C. ON DEVICE)
P15(P15')	SCL	P16(P16')	SDA
P17(P17')	DDC/CEC GROUND	P18(P18')	+5V POWER
P19(P19')	HOT PLUG DETECT		

5	CONTACT	38	COPPER ALLOY	Ni UNDERPLATING, Au AT CONTACT AREA, Sn AT SOLDER AREA	
4	SPACER	3	THERMOPLASTIC UL 94V-0	COLOR: BLACK	
3	SHIELD	2	METAL	Ni UNDERPLATING Sn AT SOLDER AREA	
2	HOUSING	2	THERMOPLASTIC UL 94V-0	COLOR: BLACK	
1	SHELL	2	COPPER ALLOY	Ni UNDERPLATING, Sn AT SOLDER AREA	
ITEM	DESCRIPTION	QTY	MATERIAL	FINISH	REMARK

X.±	X.*±	UNITS ^{mm} [Inch]	NAME(INTENDED USE)	FOXCONN		
.X± _{0.38 [.015]}	.X.*±	MAT'L N/A	CUSTOMER	FOXCONN INTERCONNECT TECHNOLOGY LIMITED		
.XX± _{0.25 [.010]}	.XX.*±		PART NO.(INTENDED USE) QJ1119*-DFB1-4*	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL		
.XXX±	.XXX.*±	FINISH N/A	APPD: Dean Zhang 01/17'14	TITLE: HDMI RECEPTACLE WITH FLANGE TYPE A 19 PIN		
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			DRAW: L.L Zhao 01/17'14			
					SCALE N/A	SHEET 2/2
					REV. A	