

REV.	ECN. NO.	APPD.
A	BC-12-0086727	Adward
B	BC-16-0031024	Adward

1. ELECTRICAL CHARACTERISTICS:

1-1. CONTACT CURRENT RATING: 0.5A MAX.

APPLIED VOLTAGE RATING: 40V AC

1-2. CONTACT RESISTANCE:

CONTACT RESISTANCE EXCLUDING CONDUCTOR RESISTANCE:
10 MILLIOHMS MAXIMUM.

1-3. SHELL RESISTANCE:

CONTACT RESISTANCE EXCLUDING CONDUCTOR RESISTANCE:
10 MILLIOHMS MAXIMUM.

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: 1.0~4.0 KgF.

2-3. DURABILITY: 10000 CYCLES.

AFTER DURABILITY, CONTACT RESISTANCE CHANGE FROM
INITIAL VALUE: 30MILLIOHMS MAX.

AFTER DURABILITY, SHELL RESISTANCE CHANGE FROM
INITIAL VALUE: 50MILLIOHMS MAX.

2-4. OPERATING TEMPERATURE RANGE: -40~85°C; HUMIDITY: 85% RH MAX.

2-5. THE TORQUE APPLIED TO SHELL'S SCREW THREAD IS

NO MORE THAN 0.3N·m [3KgF·cm] .

3. IT SHOULD BE CONNECTED WITH FRAME GROUND.

4. RECOMMENDED PROCESS: IR REFLOW, PEAK TEMPERATURE 260°C, 10s.

5. THE CONNECTOR IS ROHS COMPLIANT.

PRODUCT NO: QJ5119*-WED6-4F

Series Prefix
High Definition Media Interface

Termination Type
5= Right Angle, SMT Type

Connector Type
1= Receptacle

No. of Contact Position
19= 19pin

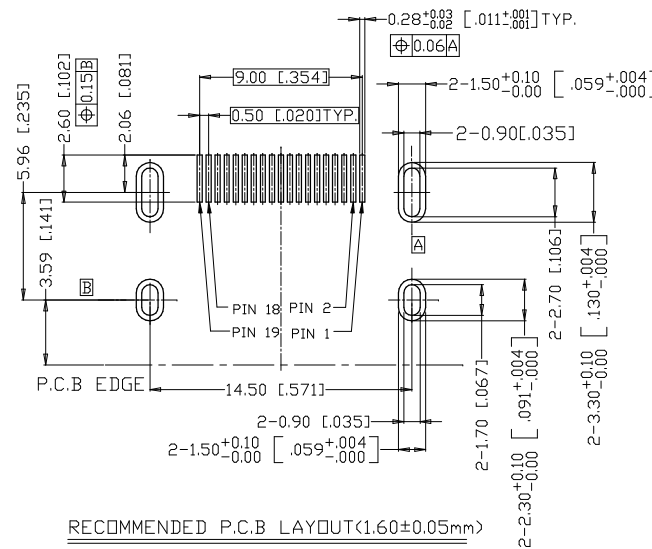
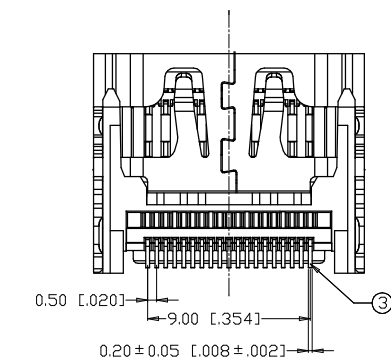
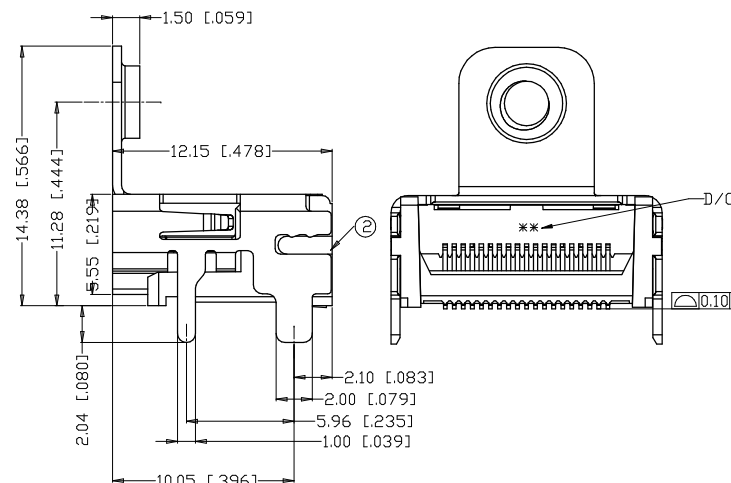
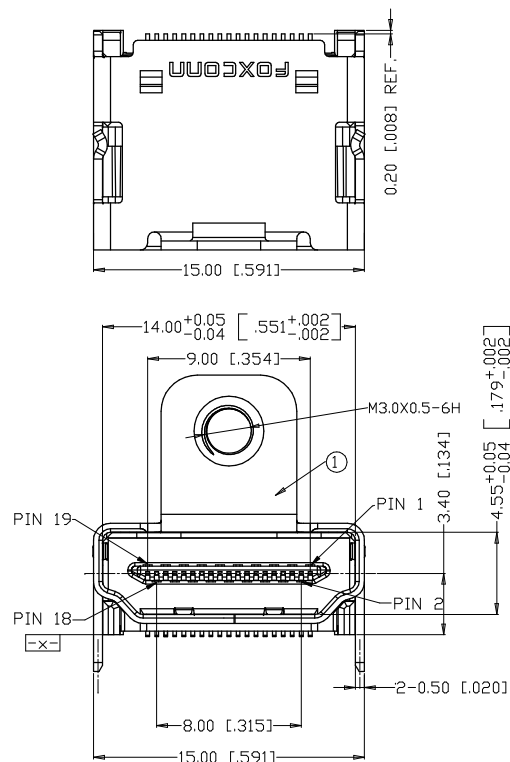
Contact Area Plating
3= 30u' Gold Plating
1= Gold Flash Plating

Lead Free Code
F= Lead Free

Package Code
4= Soft Tray

Extension Code

ITEM	DESCRIPTION	QTY	MATERIAL	TREATMENT	REMARK
③	CONTACT	19	COPPER ALLOY	NICKEL OVER ALL UNDER PLATING, GOLD AT CONTACT AREA, LEAD FREE TIN AT TAIL	
②	HOUSING	1	THERMAL PLASTIC UL94V-0	MOLDED COLOR: BLACK	
①	SHELL	1	COPPER ALLOY	NICKEL PLATED OVER ALL	
UNIT	DESCRIPTION	QTY	MATERIAL	TREATMENT	REMARK
X. ±	X ±	UNITS mm [Inch]	NAME (INTENDED USE)	FOXCONN FOXCONN INTERCONNECT TECHNOLOGY LIMITED	
.X ± 0.30 [.012]	.X ±	MAT'L	CUSTOMER		
.XX ± 0.25 [.010]	.XX ±	N/A	PART NO. (INTENDED USE)	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL	
.XXX ±	.XXX ±	FINISH	QJ5119*-WED6-*F	TITLE: HDMI TYPE A CONNECTOR ,R/A	
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			CHKD: F.H Shu 08/02'16		
			DR: Jianbo Zhou 08/02'16		
				SCALE	SHEET
				1:1	1/1
				REV.	B



RECOMMENDED P.C.B LAYOUT (1.60 ± 0.05mm)
COMPONENT SIDE (TOL: ± 0.05 [0.002])