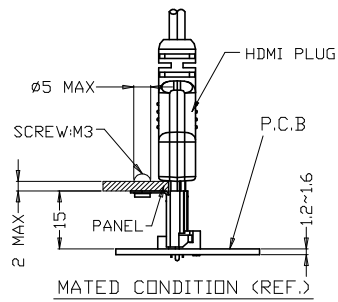
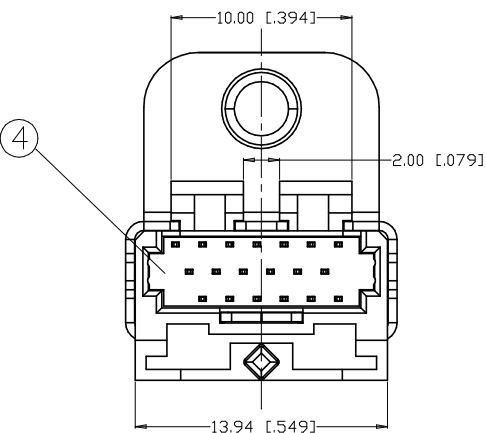
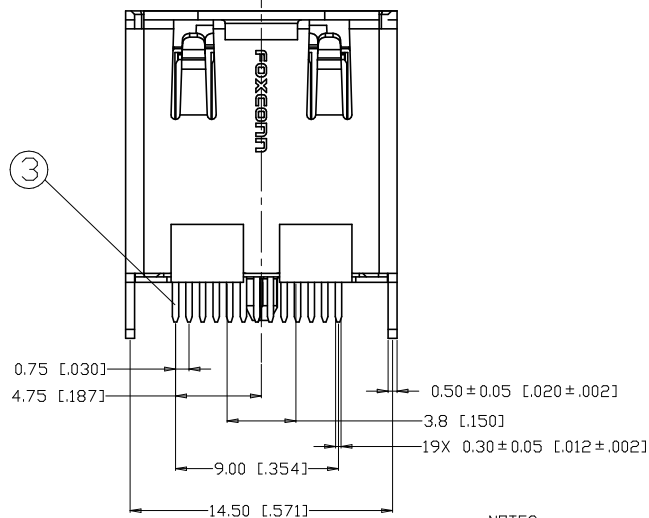
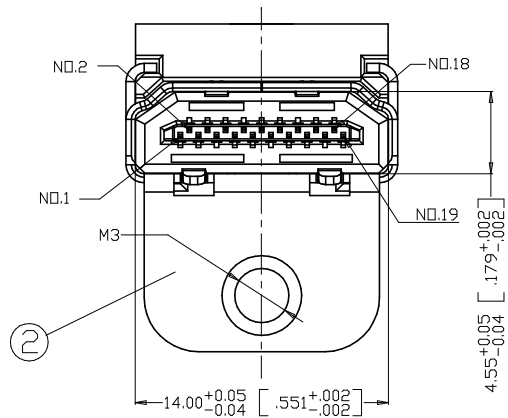


REV.	ECN. NO.	APPD.
A	BC05715233	HAD GU
B	BC06753107	HAD GU



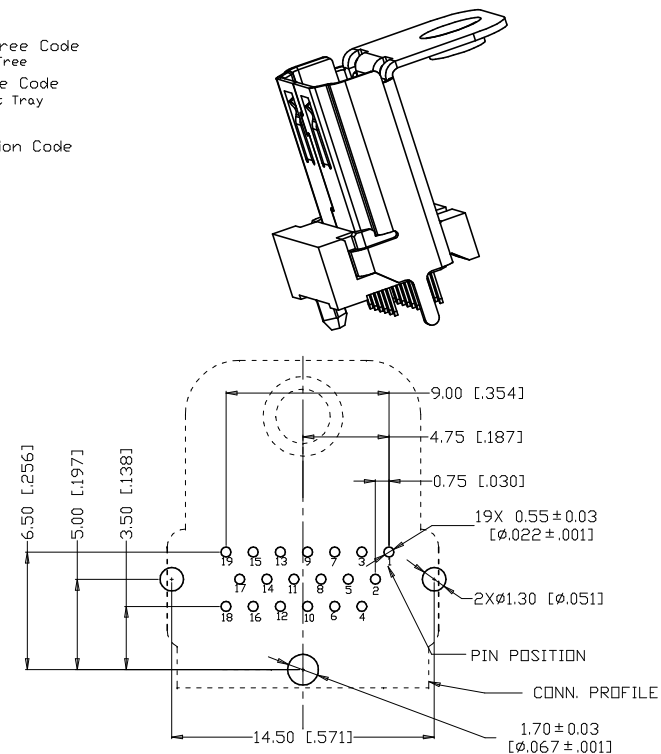
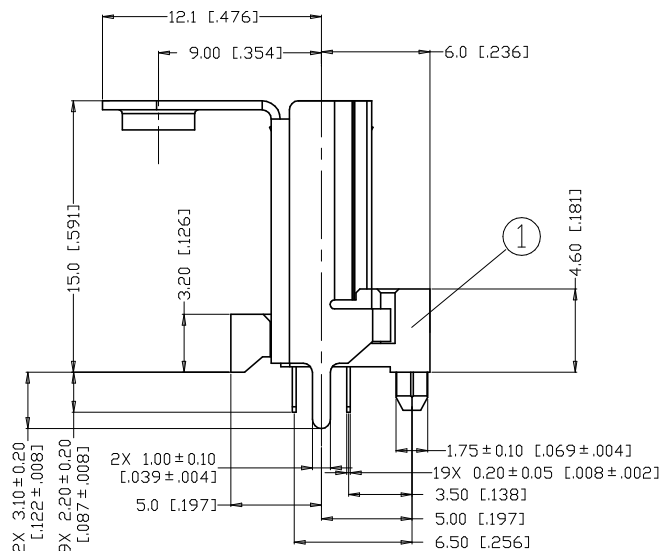
PRODUCT NO.: QJ01193 - EEK1 - 4F

HDMI Conn.
High Definition Media Interface
Termination Type
0: Vertical, T/H
Connector Type
1: Receptacle
No. of Contact Position

Lead Free Code
F=Lead Free
Package Code
4 = Soft Tray

Extension Code

Contact Area Plating
3=30u" Min Gold Plating



RECOMMENDED P.C.B LAYOUT (Thickness: 1.20~1.60±0.05mm)
COMPONENT SIDE VIEW (TOL: ±0.05 [.002])

NOTES:

1. ELECTRICAL CHARACTERISTICS:

1-1. CONTACT CURRENT RATING: 0.8A MAX.

RATED VOLTAGE: 40V AC

② 1-2. CONTACT RESISTANCE:

CONTACT RESISTANCE EXCLUDING CONDUCTOR RESISTANCE:
10 MILLIOHMS MAXIMUM.

③ 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.

③ 2-3. DURABILITY: 10000 CYCLES.

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

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

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

NO MORE THAN 0.3N·m [3KgF·cm].

ITEM	DESCRIPTION	QTY	MATERIAL	TREATMENT	REMARK
④	SPACER	1	THERMAL PLASTIC UL94V-0	MOLDED COLOR: BLACK	
③	CONTACT	19	COPPER ALLOY	(1) 50~100u" Ni PLATING ON OVER ALL (2) 100 ~200u" LEAD-FREE Sn ALLOY PLATING AT SOLDER AREA (3) GOLD 30u" MIN PLATING AT CONTACT AREA.	
②	SHELL	1	COPPER ALLOY	(1) 50~100u" Ni UNDERPLATING (2) 100 ~200u" LEAD-FREE Sn ALLOY PLATING OVERALL	
①	HOUSING	1	THERMAL PLASTIC UL94V-0	MOLDED COLOR: BLACK	
ITEM	DESCRIPTION	QTY	MATERIAL	TREATMENT	REMARK
X. ±	X ±	UNITS mm [Inch]	NAME (INTENDED USE)		
.X ± 0.30 [.012]	.X ±	MAT'L	CUSTOMER		
.XX ± 0.25 [.010]	.XX ±	N/A	PART NO. (INTENDED USE)		
.XXX ±	.XXX ±	FINISH	QJ01193-EEK1-4F		
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			Q'TY	N/A	
			TITLE: HDMI RECEPTACLE VERTICAL TYPE A 19 PIN, 3 ROWS		
			DWG NO.: 301-0000-1140		
			SCALE SHEET REV.		
			1/1 1/1 B		