

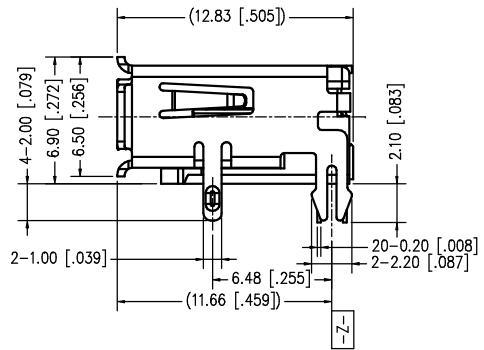
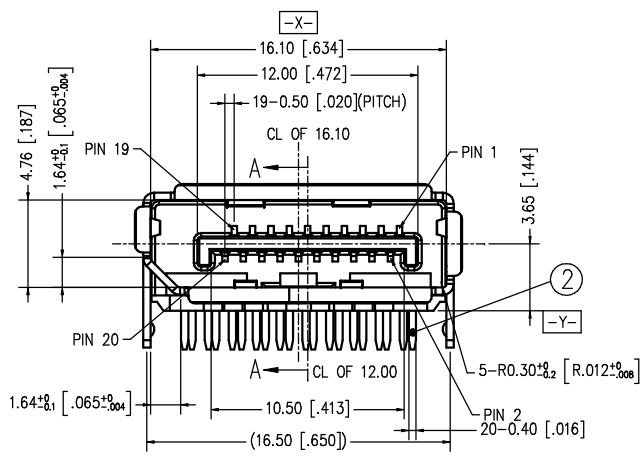
REV.	ECN. NO.	APPD.
A	BC-08-7078085	Corel Zhu
B	BC-09-7075046	Corel Zhu
C	BC-10-0137161	Corel Zhu
D	BC-13-0026250	Adward Zheng
E	BC-13-0026882	Adward Zheng

NOTES:

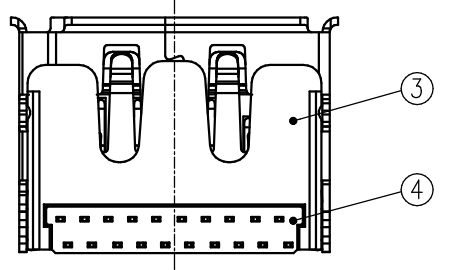
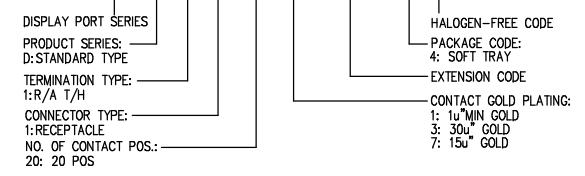
- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING: 0.5A MIN.
APPLIED VOLTAGE RATING: 40V AC
 - CONTACT RESISTANCE:
CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM.
AFTER TEST: CHANGE FROM INITIAL VALUE 30MILLIOHMS MAX.
 - SHELL RESISTANCE:
AFTER TEST: CHANGE FROM INITIAL VALUE 50MILLIOHMS MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC RMS.
 - INSULATION RESISTANCE:
UNMATED PLUG: 100 MEGAOHMS MIN. AT 500V DC.
MATED PLUG: 10 MEGAOHMS 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 PROCESS:
WAVE SOLDER, PEAK TEMPERATURE 270°C, 10SEC MAX.
- RoHS AND HALOGEN-FREE COMPLIANT.

RECOMMENDED P.C.B. LAYOUT (COMPONENT SIDE VIEW)

TOL IS ±0.05 THK=1.60 ALL POSITION TOL ϕ 0.06 X Y



PRODUCT NO.: 3V * * * * * - * * * * *



PIN NUMBER	SOURCE-SIDE PIN ASSIGNMENT	SINK-SIDE PIN ASSIGNMENT	④	DESCRIPTION	Q'TY	MATERIAL	REMARK
1	ML_Lane 0(p)	ML_Lane 3(n)	④	SPACER	1	LCP UL94V-0	COLOR: BLACK
2	GND	GND	③	HOUSING	1	LCP UL94V-0	COLOR: BLACK
3	ML_Lane 0(n)	ML_Lane 3(p)	②	CONTACT	20	BRASS	Ni 50u" MIN UNDERPLATING, Au AT CONTACT AREA, Sn 100u" MIN AT SOLDER AREA
4	ML_Lane 1(p)	ML_Lane 2(n)	①	SHELL	1	PH/Br	Ni PLATING OVERALL, Sn 50u" MIN AT SOLDER AREA
5	GND	GND	ITEM	DESCRIPTION	Q'TY	MATERIAL	REMARK
6	ML_Lane 1(n)	ML_Lane 2(p)					
7	ML_Lane 2(p)	ML_Lane 1(n)					
8	GND	GND					
9	ML_Lane 2(n)	ML_Lane 1(p)					
10	ML_Lane 3(p)	ML_Lane 0(n)					
11	GND	GND	X.±			UNITS	mm
12	ML_Lane 3(n)	ML_Lane 0(p)	.X± ^{0.25} _[.010]	.X*±		MAT'L	
13	CONFIG1	CONFIG1	.XX± ^{0.15} _[.006]	.XX*±			N/A
14	CONFIG2	CONFIG2					
15	AUX CH (p)	AUX CH (p)	.XXX±	.XXX*±		FINISH	
16	GND	GND					
17	AUX CH (n)	AUX CH (n)					
18	HOT PLUG DETECT	HOT PLUG DETECT					
19	RETURN	RETURN					
20	DP PWR	DP PWR					

PART NO.	FINISH
3VD11201-H7A0-4H	Au 1u" MIN PLATING AT CONTACT AREA.
3VD11207-H7A0-4H	Au 15u" MIN PLATING AT CONTACT AREA.
3VD11203-H7A0-4H	Au 30u" MIN PLATING AT CONTACT AREA.

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NAME(INTENDED USE)
CUSTOMER

PART NO.(INTENDED USE)
3VD1120*-H7A0-4H

APPD: Adward Zheng 04/12'13

CHKD: Richard Yu 04/12'13

DR: J.W Zhang 04/12'13

FOXCONN
HON HAI PRECISION IND. CO.,LTD.
TAIPEI, TAIWAN, R.O.C.

TITLE:
DISPLAYPORT CONNECTOR

DWG NO.:
303-0000-2126

SCALE SHEET REV.
1:1 1/1 E