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RoHS COMPLIANT

REVISIONS

REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE
1		PROPOSAL DRAWING	Helly Luo	2015-08-27

NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - CONTACTS:COPPER ALLOY
 - MID PLATE: STAINLESS STEEL
 - FRONT SHELL: STAINLESS STEEL
- PLATING SPECIFICATION:
 - CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - FRONT SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE:
CLEAR ONLY
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - CURRENT RATING:3.0A
VOLTAGE RATING:5.0V
 - LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

Plating :
1 : Gold flash
3 : 5u"
5 : 15u"

DIMENSIONS:

☐ MM ☐ INCH ☒ MM ONLY
[INCH] [MM]

UNLESS OTHERWISE SPECIFIED,
GENERAL TOLERANCE:

DECIMALS ANGLES
X. ±0.45 X' ±5°
.X ±0.35 .X' ±2.0°
.XX ±0.25

CAD GENERATED DRAWING,
DO NOT MANUALLY UPDATE

THIRD ANGLE PROJECTION



JJP Jen Jia Precision Technology Co., Ltd.

TITLE USB CF 16PIN (L=6.5) MID MOUNT 0.8

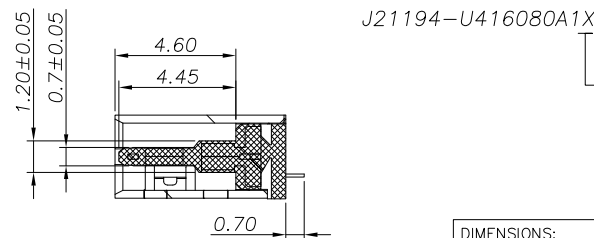
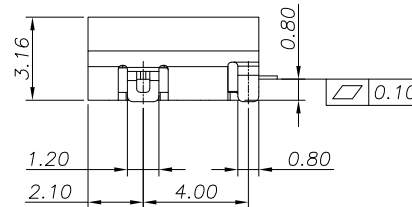
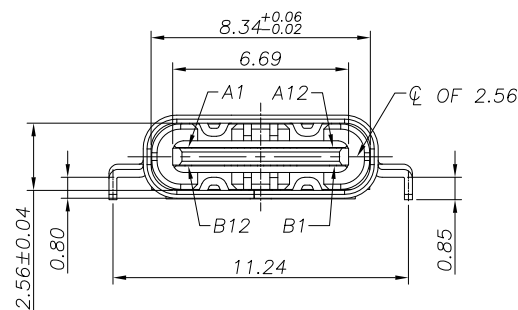
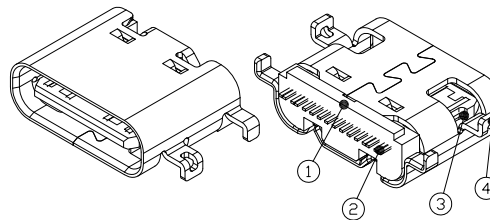
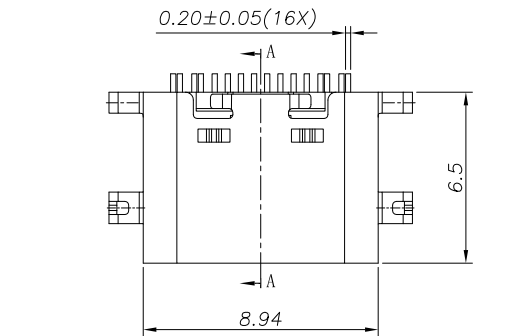
PART NO. J21194-U416080A1X APPROVED BY JASON MENG

DRAWING NO. J21194-U416080A1X CHECKED BY STEVEN LIU

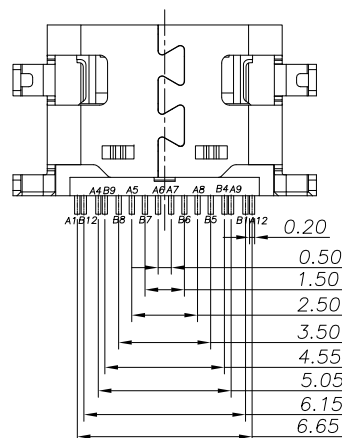
MATERIAL DRAWN BY Helly Luo

FINISH GENERATD DATE 2015-08-27

SCALE FREE SHEET 1/2 REV. 1 SIZE: A4
FILE NO.:JJP-A-05-003



SECTION:A-A



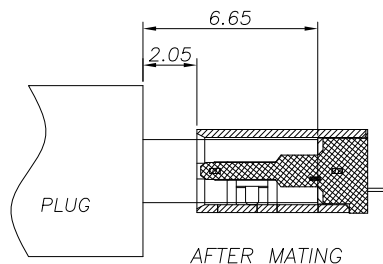
DO NOT SCALE DRAWING

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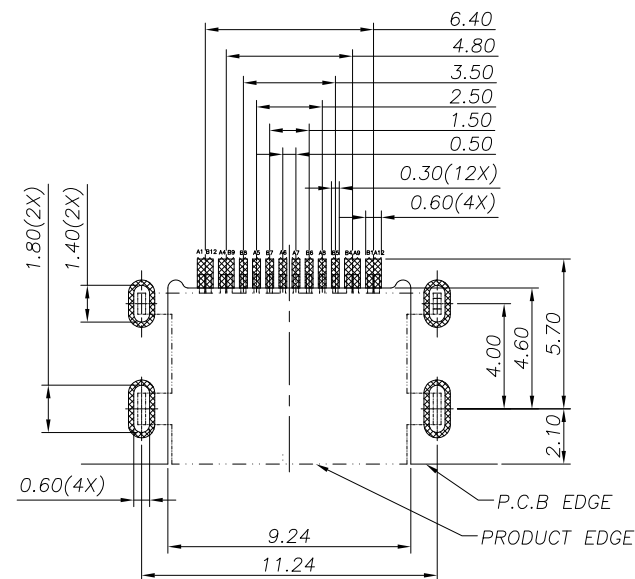
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USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

DIMENSIONS:
☐ MM [INCH] ☐ INCH [MM] ☒ MM ONLY

UNLESS OTHERWISE SPECIFIED,
GENERAL TOLERANCE:

DECIMALS ANGLES
X. ±0.45 X' ±5°
.X ±0.35 .X' ±2.0°
.XX ±0.25

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THIRD ANGLE PROJECTION



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TITLE	USB CF 16PIN (L=6.5) MID MOUNT 0.8		
PART NO.	J21194-U416080A1X	APPROVED BY	JASON MENG
DRAWING NO.	J21194-U416080A1X	CHECKED BY	STEVEN LIU
MATERIAL		DRAWN BY	Helly Luo
FINISH		GENERATD DATE	2015-08-27
SCALE	FREE	SHEET	2/2
REV.	1	SIZE: A4	FILE NO.:JJP-A-05-003

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