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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.
 - SHIELD PLATE&EMI 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.

J21194-U416160A1X

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

4	MID PLATE	STAINLESS STEEL	---	1PCS
3	SHELL	STAINLESS STEEL	Ni Plated	1PCS
2	CONTACT	COPPER ALLOY	Au/Ni/Sn Plated	1SET
1	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

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

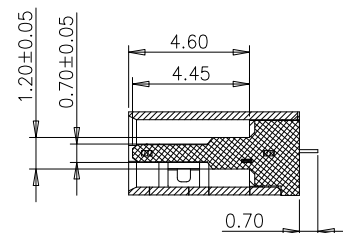
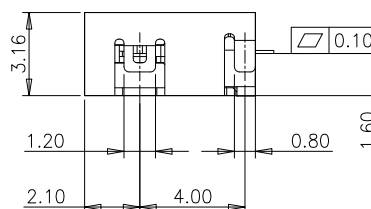
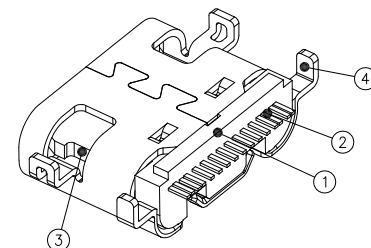
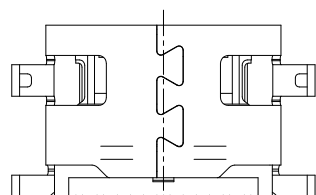
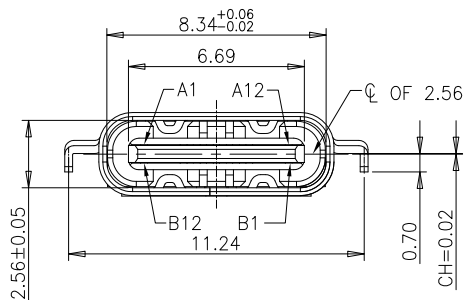
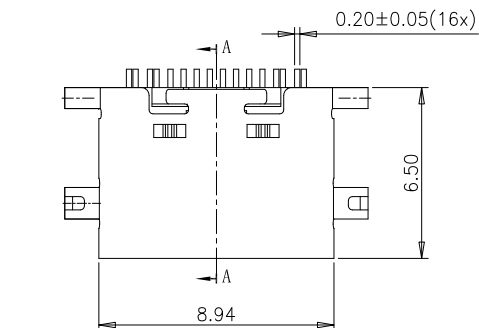
CAD GENERATED DRAWING,
DO NOT MANUALLY UPDATE

THIRD ANGLE PROJECTION

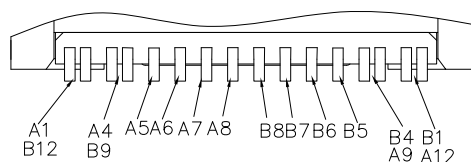


JJP Jen Jia Precision Technology Co., Ltd.

TITLE	16PIN RECPTACLE Conn Asm. low PCB 1.6mm 4DIP TYPE L=6.5MM		
PART NO.	J21194-U416160A1X	APPROVED BY	JASON MENG
DRAWING NO.	J21194-U416160A1X	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



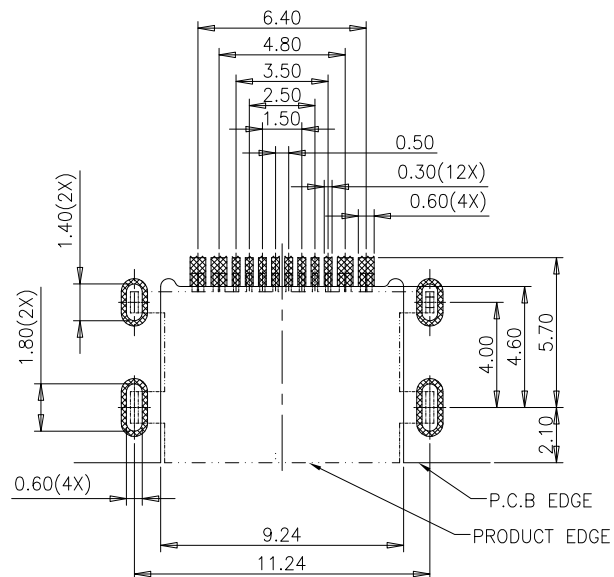
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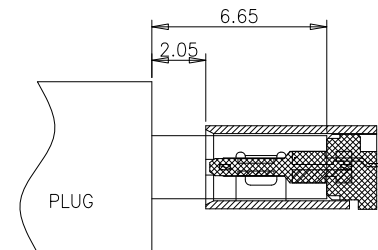
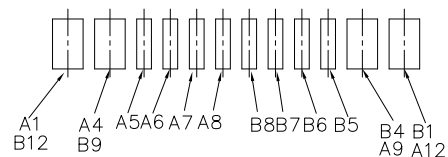
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RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05



AFTER MATING

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

DIMENSIONS:
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