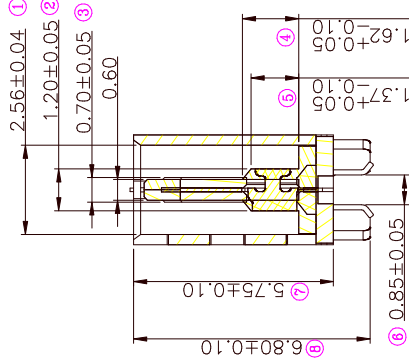
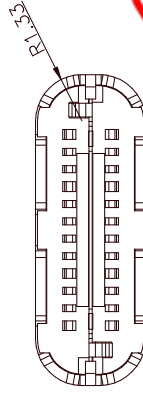
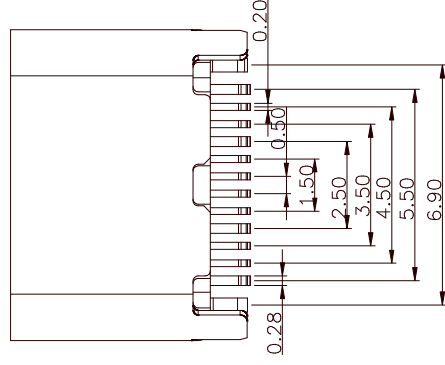
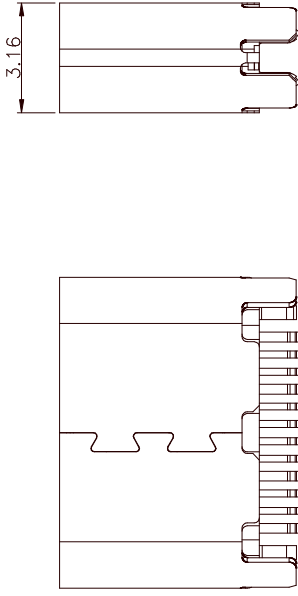
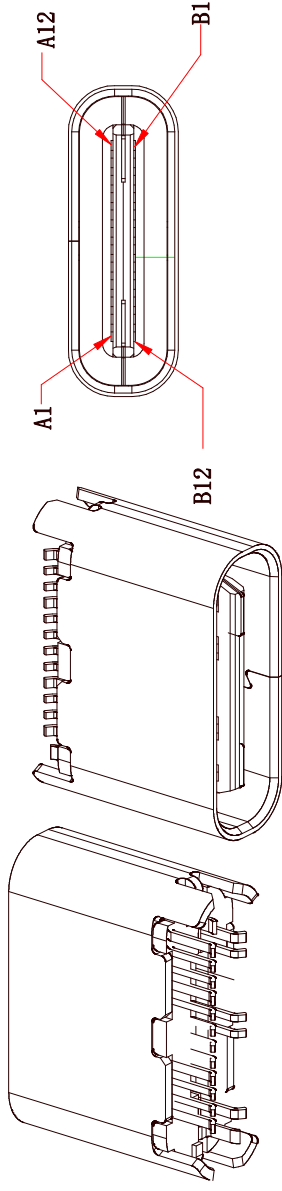




NOTES: 1.MATERIAL:

MOLDING: LCP UL94 V-0

MOLDING: LCI 0LEST V
CONTACT: COPPER ALLOY:

CONTACT: COPPER ALLOY.

GOLD PLATED Min ON CONTACT AREA, 100u"
Min TIN (LEAD FREE) ON SOLDER AREA,

SUS304-H, T=0.30±0.03mm

SHIELD: SUS304-H,T=0.30±0.03mm
50u" NICKEL PLATING OVER ALL.
SHIELD:SUS304-H,T=0.12±0.03mm

2. MECHANICAL:

INSERTION: 5~20N.

INSERTION: 3~20N.
EXTRACTION: 8~20N AFTER TEST.

EXTRACTION: 8.5ZON AFTER
DURABILITY: 10000 CYCLES

3. ELECTRICAL:

5A FOR VBUS.

CURRENT: 3A FOR VBUS, 1.25A FOR GND PIN

Category	Percentage
1.23A FOR GND PI	0.00%
0.25A FOR OTHER	0.00%

0.25A FOR
VOLTAGE: 20 V MAX

VOLTAGE: 20 V MAX
WITHSTANDING VOLTAGE: 100V AC RMS

WITHSTANDING VOLTAGE: 100V AC
CONTACT RESISTANCE: 40mΩ MAX

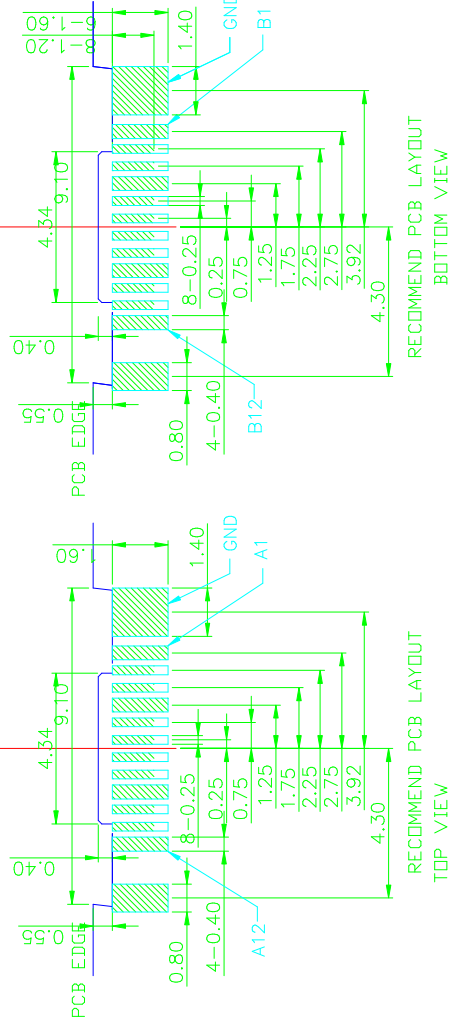
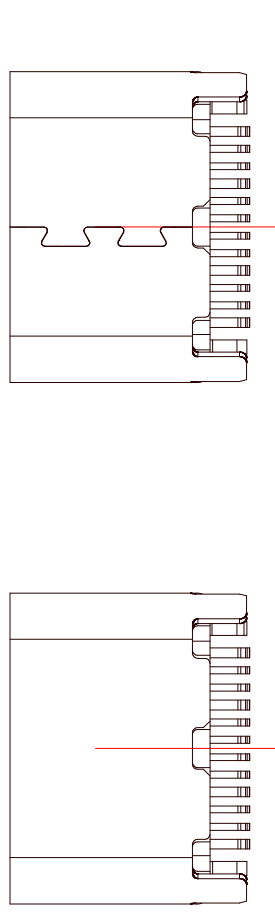
CONTACT RESISTANCE: 40mΩ MAX.
INSULATION RESISTANCE: 100MΩ MIN.

4 INSULATION RE ENVIRONMENTAL

4. ENVIRONMENTAL TEMPERATURE RANGE

UNLESS OTHERWISE SPECIFIED TOLERANCES	DECIMALS:		ANGLES:
	X	±0.5	X
	XX	±0.20	XX
	X.XX	±0.10	

深圳市顺宏康科技有限公司			
TITLE		USB Type-C 3.1 公板母头	
DWN		SHK-31260	
CHKD	SCALE:1:1	UNIT: mm	
APVD	SIZE: A4	SHEET:1DF1	REV: A
CUSTOMER COPY			



PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTxp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dm2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

~~UNLESS OTHERWISE
SPECIFIED TOLERANCES~~

TITLE

X	±0.5	X	±2°	DWN	SHK-31260		
X.X	±0.20	X.X	±1°	CHKD	SCALE: 1:1	UNIT: mm	
XXX	±0.10			APVD	SIZE: A4	SHEET: 1 OF 1	REV: A

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