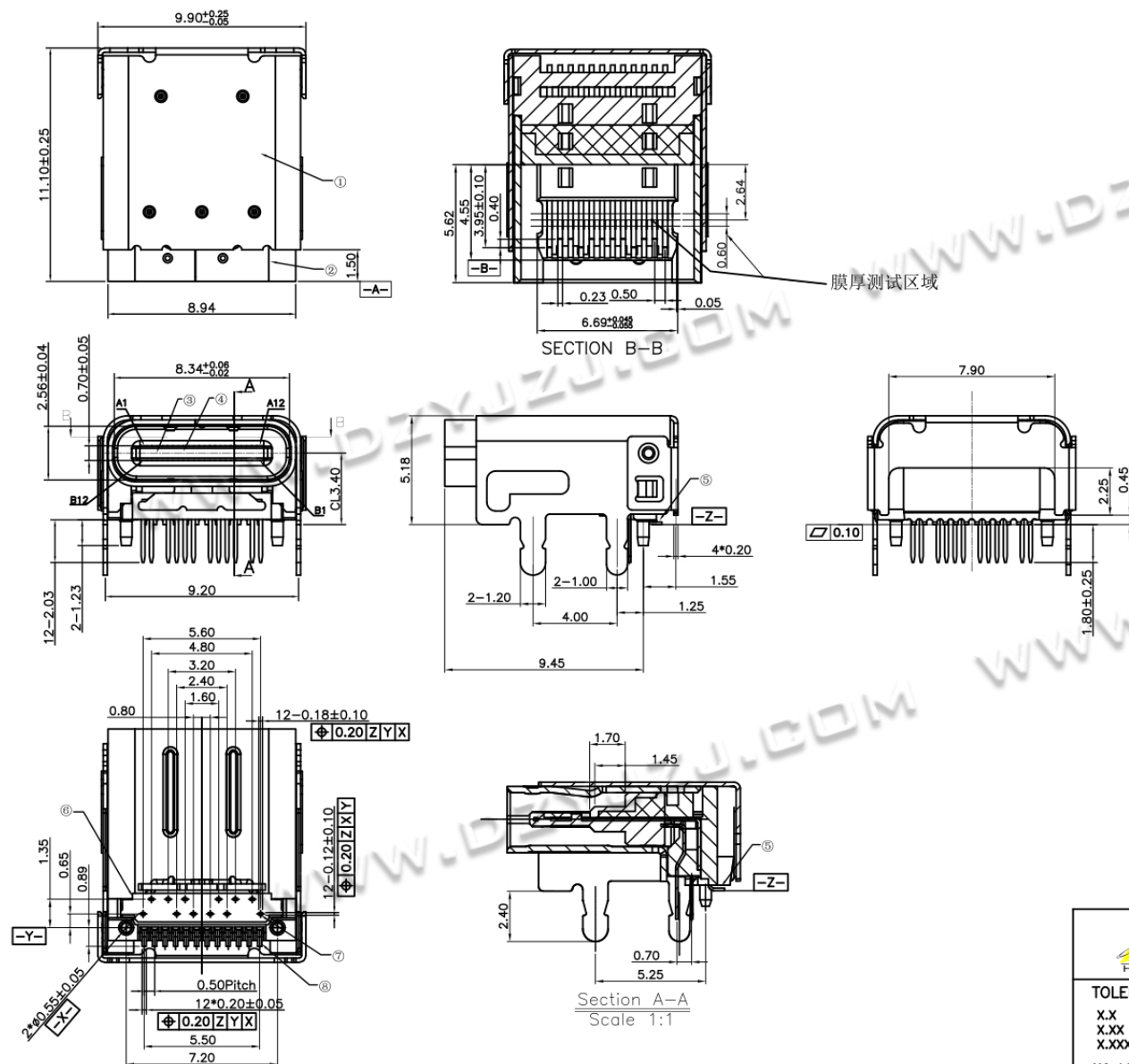




NOTES:

- 1.MATERIAL:
MOLDING: LCP UL94 V-0
CONTACT: COPPER ALLOY.
PLATED GOLD ON CONTACT AREA,
G/F GOLD ON SOLDER AREA,
50u" NICKEL PLATING OVER ALL.

SHELL: SUS304, T=0.20 $\pm$ 0.03mm
50u" NICKEL PLATING OVER ALL.
SHELL2: SUS304, T=0.15 $\pm$ 0.03mm
LATCH: SUS301, T=0.15 $\pm$ 0.03mm

- 2.MECHANICAL:
INSERTION: 5~20N.
EXTRACTION: 8~20N.
DURABILITY: 10000 CYCLES

- 3.ELECTRICAL:
CURRENT: 5A MAX FOR VBUS;
1.25A FOR GND, 0.25A FOR OTHER OTHER.
VOLTAGE: 20VDC MAX
WITHSTANDING VOLTAGE: 100V AC.
CONTACT RESISTANCE: 40m Ω MAX.
INSULATION RESISTANCE: 100M Ω MIN.
- 4.ENVIRONMENTAL
TEMPERATURE RANGE -25°C ~ +85°C

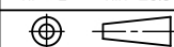


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TOLERANCE:

X.X $\pm$ 0.30
X.XX $\pm$ 0.25
X.XXX $\pm$ 0.15

X" $\pm$ 2" X.X" $\pm$ 0.5"



UNIT: mm [inch]
SCALE: 1:1 SIZE: A4

DRAWN BY :

陈一鸣

CHECKED BY :

马跃

APPROVED BY :

邱敏

DATE :

2014-02-23

DATE :

2014-02-23

DATE :

2014-02-23

PART NAME:

USB TYPE C 母座外壳四脚DIP 端子DIP+SMT

PART NO.

HYC232-USBC24-340

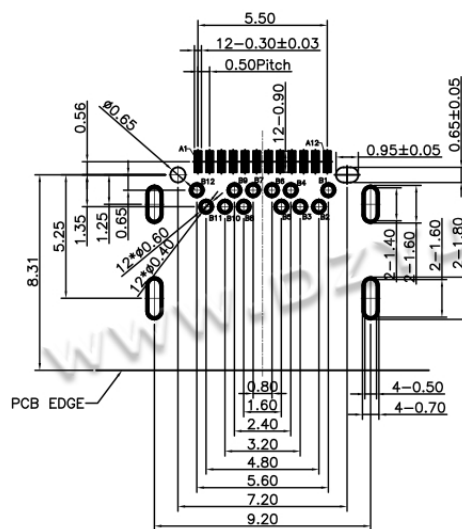
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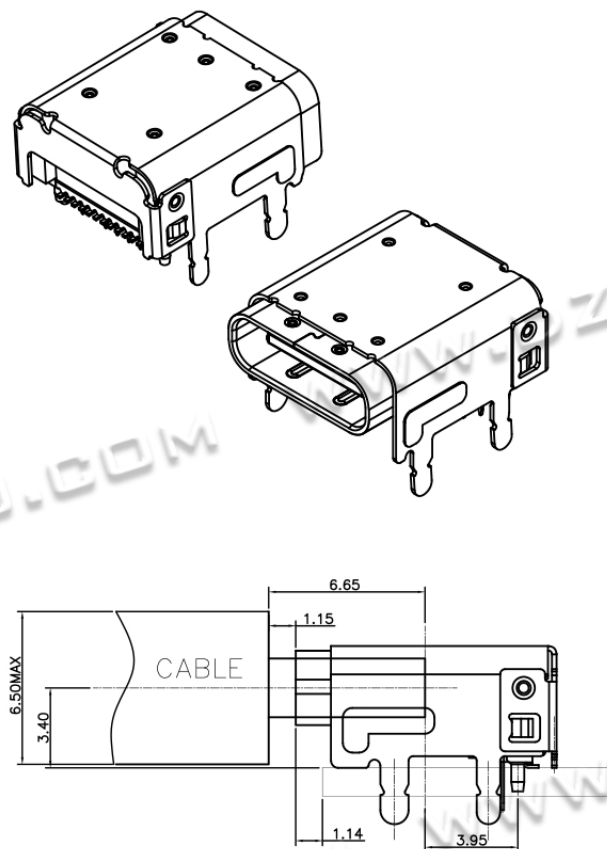
HYC-2309161251

SHEET NO.

1 OF 1



RECOMMENDED PCB LAYOUT (COMPONENT SIDE)

PCB THICKNESS: 1.60±0.05
DEFAULT TOLERANCE: ±0.05

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

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	Dn2	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

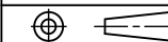
8	UPPER CONTACT	12	COPPER ALLOY	Ni 50u"Min AT TAIL, 1U" Min Au AT SOLDER AU 30u" Min AT CONNECT AREA Ni 80u"Min.
7	LOWER CONTACT	12		
6	LOWER IM	1	THERMOPLASTIC UL 94V-0	COLOR: BLACK
5	UPPER IM	1	THERMOPLASTIC UL 94V-0	COLOR: BLACK
4	OVERMOLD	1	THERMOPLASTIC UL 94V-0	COLOR: BLACK
3	SHIELD PLATE	1	STAINLESS STEEL	NICKEL PLATING AT OVER ALL
2	INNER SHELL	1	STAINLESS STEEL	CLEAN
1	OUTER SHELL	1	STAINLESS STEEL	NICKEL PLATING ONLY AT TAIL,AU AT SOLDER TAIL
NO.	DESCRIPTION	QTY	MATERIAL	SPECIFICATION



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TOLERANCE:
X.X ±0.30
X.XX ±0.25
X.XXX ±0.15

X" ±2" X.X" ±0.5"



UNIT: mm [inch]

SCALE:1:1 SIZE: A4

DRAWN BY :

陈一鸣

DATE :

2014-02-23

PART NAME:

USB TYPE C 母座外壳四脚DIP 端子DIP+SMT

CHECKED BY:

马跃

DATE :

2014-02-23

APPROVED BY:

邱敏

DATE :

2014-02-23

PART NO.

HYC232-USBC24-340

MOLD NO.

DRAW NO:

HYC-2309161251

SHEET NO.

1 OF 1