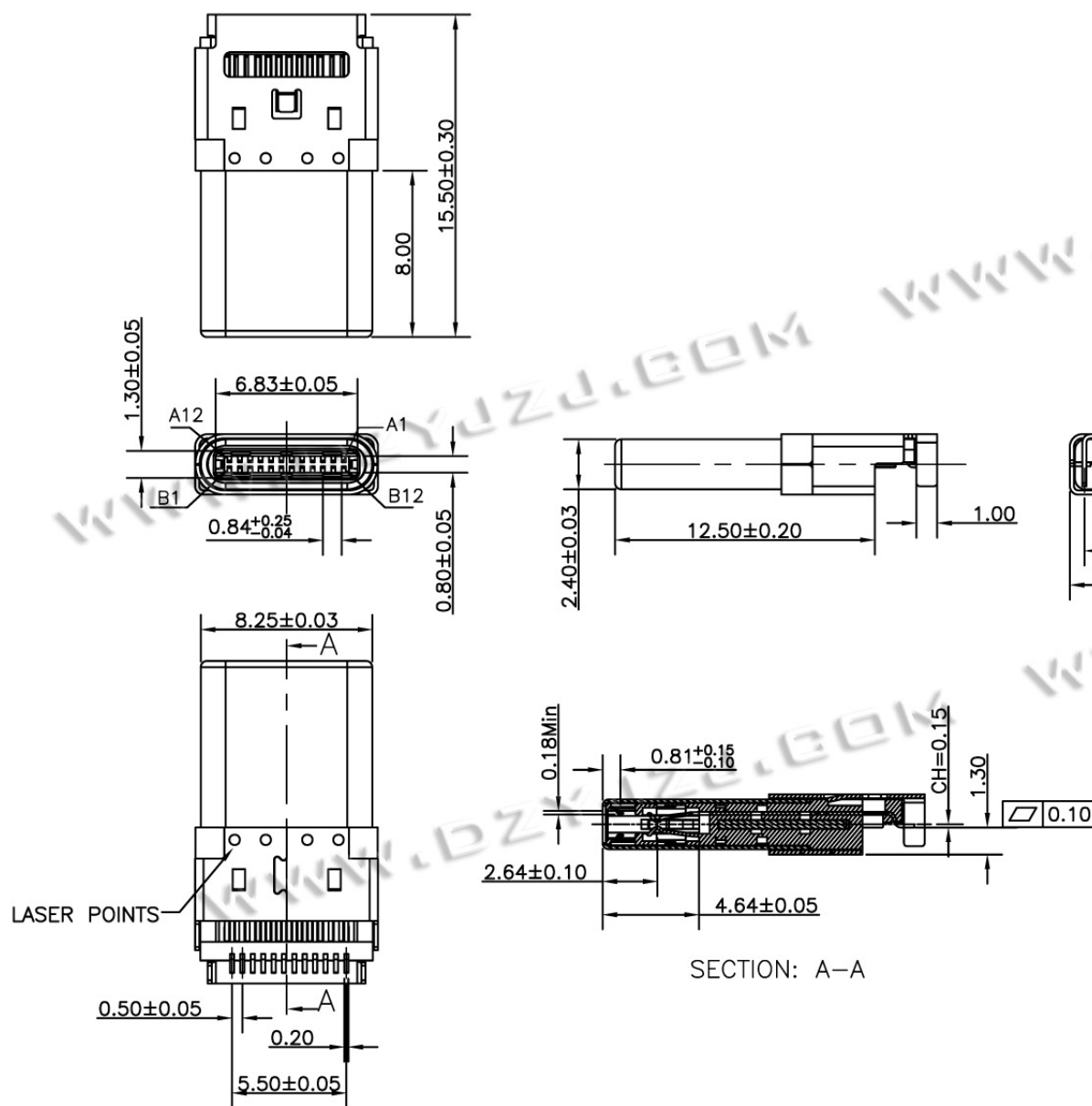




⑥	Shield	1	Stainless Steel	Bright Nickel Plating
⑤	Housing	4	LCP	Color: Black
④	Latch	1	Stainless Steel	
③	Contact	24	Copper Alloy	3u" gold plated on Contact area, Matte Tin plated on Solder tails, Nickel underplating over all
②	Emc Spring	2	Stainless Steel	
①	Shell	1	Stainless Steel	Bright Nickel Plating
ITEM	NAME	QTY	MATERIAL	DESCRIPTION



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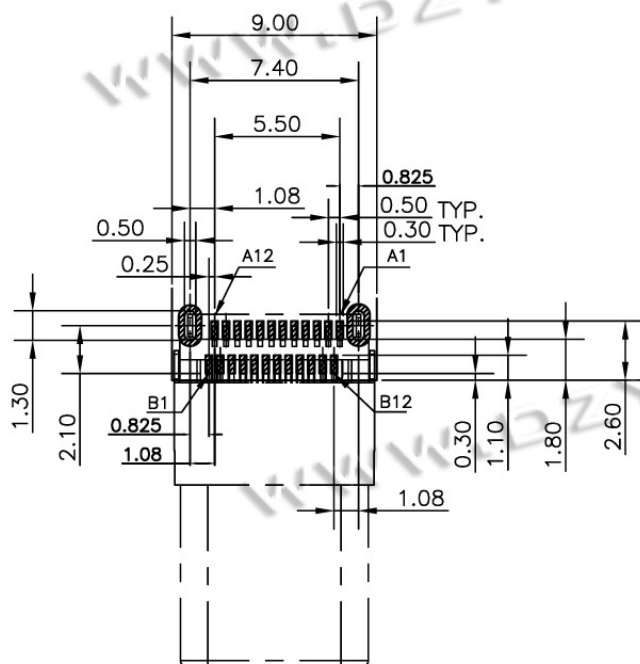
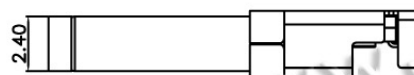
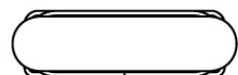
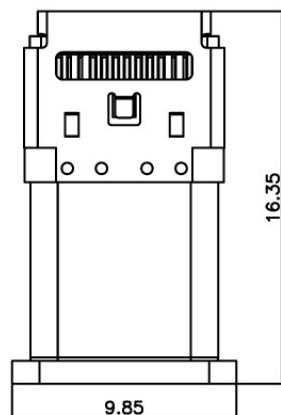
TOLERANCE: X.X ± 0.30 X.XX ± 0.25 X.XXX ± 0.15 X' $\pm 2'$ X.X' $\pm 0.5'$	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: USB TYPE C 公头沉板 外壳DIP 端子SMT
	CHECKED BY: 马跃	DATE : 2014-02-23	PART NO. HYC209-USBC24-155
	APPROVED BY: 邱敏	DATE : 2014-02-23	MOLD NO.
			DRAW NO: HYC-USB1906170682
			SHEET NO. 1 OF 1



UNIT: mm [inch]

SCALE: 1:1 SIZE: A4

带塞子示意图



RECOMMENDED P.C.B. LAYOUT
T=0.80 OR 1.00mm

TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$

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	Positive 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	Negative 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

NOTE:

- Electrical Characteristics:
Current Rating: 5A For Pin(A4,A9,B4,B9)
1.25A For Others Pin
Insulation Resistance: 100M Ω Min.
Contact Resistance: 40 m Ω Max.
Dielectric Withstanding Voltage:100V/AC 1Minute
- Mechanical Characteristics:
Insertion Force: 5~20N
Extraction Force: Initial: 8~20N
After durability: 6~20N
Durability :10000 Cycles
- Salt Spray :24H
- Operating Temperature: -30°C TO $+85^{\circ}\text{C}$



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TOLERANCE: X.X ± 0.30 X.XX ± 0.25 X.XXX ± 0.15 X' $\pm 2^{\circ}$ X.X' $\pm 0.5^{\circ}$	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: USB TYPE C 公头沉板 外壳DIP 端子SMT	
	CHECKED BY: 马跃	DATE : 2014-02-23	PART NO. MOLD NO.	HVC209-USBC24-155
 UNIT: mm [inch] SCALE:1:1 SIZE: A4	APPROVED BY: 邱敏	DATE : 2014-02-23	DRAW NO:	HVC-USB1906170682
			SHEET NO.	1 OF 1