

NOTE:

1.MATERIAL SPECIFICATION:

1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.

2.TERMINAL: COPPER ALLOY

3.MID PLATE: STAINLESS STEEL

4.OUTER SHELL: STAINLESS STEEL

5.INNER SHELL: STAINLESS STEEL

2.PLATING SPECIFICATION:

2-1.TERMINAL:

Ni 50u" MIN. UNDER PLATED OVER ALL.

GOLD PLATING ON THE CONTACT AREA.

(GOLD PLATING THICKNESS FOLLOW THE P/N)

50u" MIN MATTE TIN ON SOLDER AREA.

2-2.OUTER SHELL:

40u" SOLDER NICKEL PLATING OVER ALL.

2-3.INNER SHELL:

30u" SOLDER NICKEL PLATING OVER ALL.

2-3.MID PLATE:

CLEAR ONLY

3.ELECTRICAL CHARACTERISTICS

3-1.LOW LEVEL CONTACT RESISTANCE: 40mΩ Max

3-2.INSULATION RESISTANCE:100MΩ MIN

3-3.DIELECTRIC WITHSTANDING VOLTAGE:100 VAC:

3-4.CONTACT CURRENT RATING:5A Max

4.MECHANICAL CHARACTERISTICS

4-1.INSERTION FORCE: 5~20N

4-2.EXTRACTION FORCE: 8~20N

AFTER DURABILITY EXTRACTION FORCE: 6~20N

4-3.DURABILITY: 10000 CYCLES

5.SALT SPRAY : 24 HOURS

6.PRODUCT DESCRIPTION:

10163259-000 X X LF

PACKAGING

1. TAPE REEL

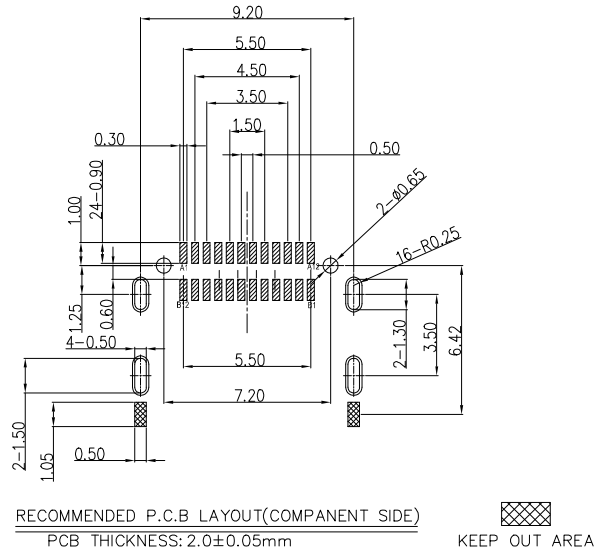
CONTACT AREA PLATING

1. GOLD FLASH

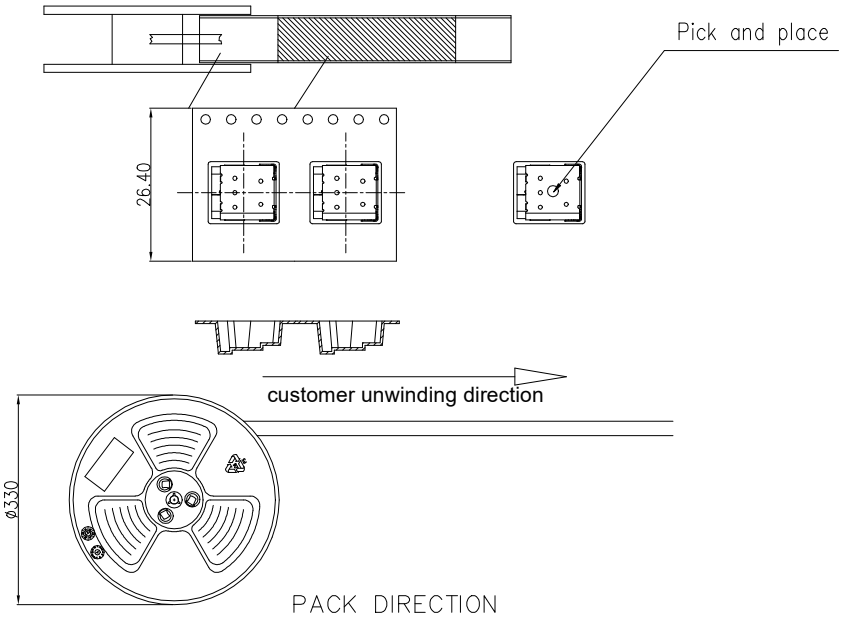
2. 30u" Au




3. 15u" Au

mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406	ISO 1101	HPL 511			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title			
A	-	YY	2022/03/18	angles	linear					
				0°±2'						
						mm	USB 3.1 TYPE C RECEPTACLE R/A SMT TYPE			
				dr	Y-Y Bao	2022/03/18				
				engr	Y-Y Bao	2022/03/18				
				chr	L-Q Lei	2022/03/18	dwg no 10163259 sheet 1 of 2 size A3			
				appd	Tim Yao	2022/03/18				
sheet index	revision	A	A				type Product Customer Drawing			
	sheet	1	2							



Pin No	Signal Name	Mating Sequence	Pin No	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	TX1+	Second	B11	RX1+	Second
A3	TX1-	Second	B10	RX1-	Second
A4	Vbus	First	B9	Vbus	First
A5	CC1	Second	B8	SBU2	Second
A6	D+	Second	B7	D-	Second
A7	D-	Second	B6	D+	Second
A8	SBU1	Second	B5	CC2	Second
A9	Vbus	First	B4	Vbus	First
A10	RX2-	Second	B3	TX2-	Second
A11	RX2+	Second	B2	TX2+	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	



mat'l. code				surface <input checked="" type="checkbox"/> ISO 1302 <input checked="" type="checkbox"/> tolerance <input checked="" type="checkbox"/> ISO 406 <input type="checkbox"/> ISO 1101		projection 		product family HPL 511			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm 		title			
A				angles	linear			USB 3.1 TYPE C RECEPTACLE R/A SMT TYPE			
				0°±2'		scale 1:1					
				dr	Y-Y Bao	2022/03/18		dwg no		sheet2 of 2	size
				engr	Y-Y Bao	2022/03/18		10163259		A3	
				chr	L-Q Lei	2022/03/18					
				appd	Tim Yao	2022/03/18					
sheet index		revision sheet		A	1	2					