

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

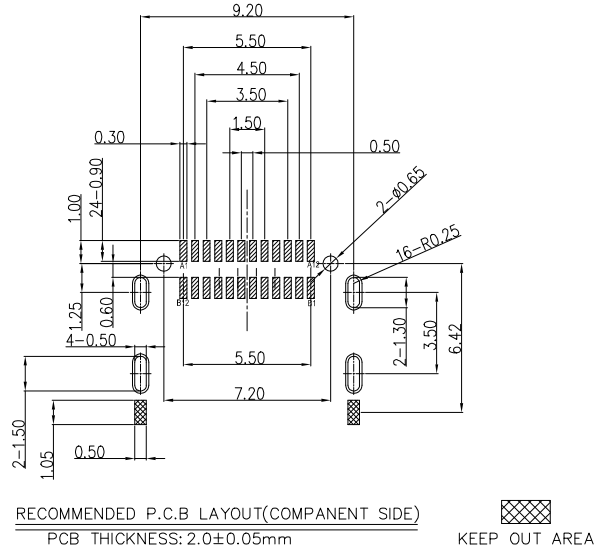
CONTACT AREA PLATING

1. GOLD FLASH

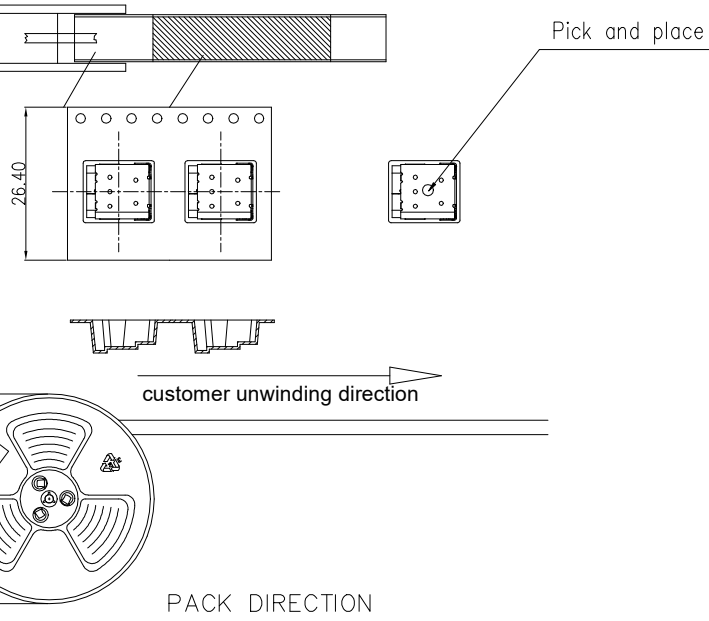
2. 30u" Au

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		.0±.35		mm		USB 3.1 TYPE C RECEPTACLE			
				linear		.00±.25				R/A SMT TYPE			
				0°±2°		.000±.15		scale 1:1					
				dr	Y-Y Bao		2022/03/18		dwg no		sheet 1 of 2		size
				engr	Y-Y Bao		2022/03/18		10163259				A3
				chr	L-Q Lei		2022/03/18		type		Product Customer Drawing		
				appd	Tim Yao		2022/03/18						
sheet index		revision		A	A								
		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	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family			
ltr				ecn no	dr	date	tolerances unless otherwise specified			HPL 511			
A							angles	linear	mm	title			
							0°±2'		scale 1:1	USB 3.1 TYPE C RECEPTACLE			
										R/A SMT TYPE			
							dr	Y-Y Bao	2022/03/18	dwg no			
							engr	Y-Y Bao	2022/03/18	sheet2 of 2			
							chr	L-Q Lei	2022/03/18	10163259			
							appd	Tim Yao	2022/03/18	type Product Customer Drawing			
sheet index	revision	A	A										
	sheet	1	2										