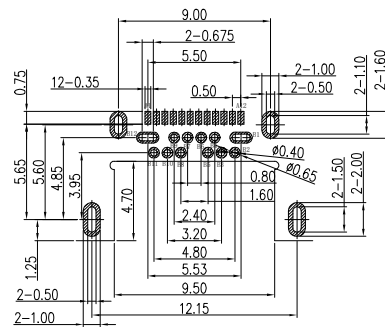
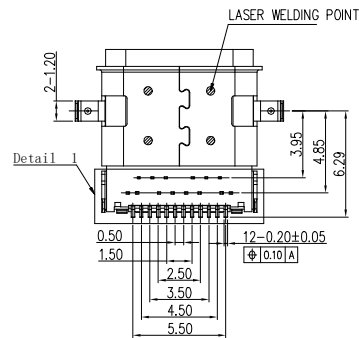
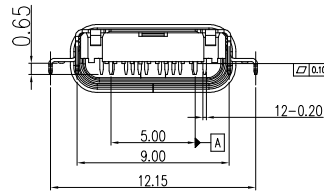
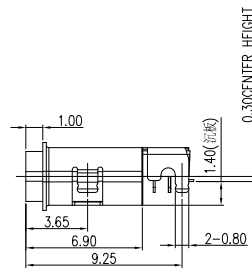
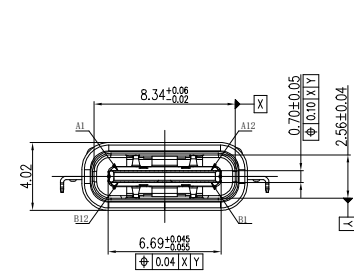
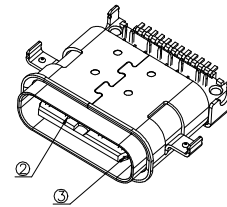
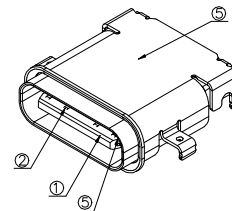
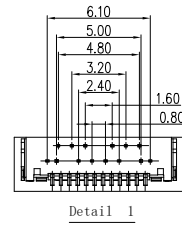
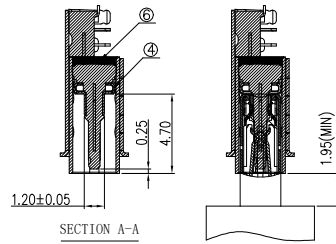
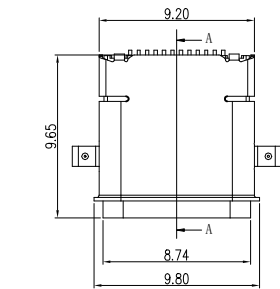


RECOMMENDED P.C.B. LAYOUT (Both sides are sample)
Tolerance: ±0.05, Thickness: 0.60mm

NOTE:

1. MATERIAL SPECIFICATION:
 - 1-1. HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, UL94 V-0.
 - 1-2. TERMINAL: COPPER ALLOY
 - 1-3. MID PLATE: STAINLESS STEEL
 - 1-4. GND: STAINLESS STEEL
 - 1-5. SHELL: STAINLESS STEEL
 - 1-6. GLUE WATER: EPOXY
2. PLATING SPECIFICATION:
 - 2-1. CONTACTS:
NICKEL PLATING UNDER PLATED OVER ALL.
AU PLATED ON THE CONTACT AREA.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
GOLD FLASH ON THE SOLDER AREA
 - 2-2. GND PLATE AND SHELL
NICKEL PLATING. UNDER PLATED OVER ALL.
 - 2-3. MIDDLE PLATE:
CLEAR ONLY
3. ELECTRICAL :
 - 3-1. CONTACT CURRENT RATING :
5A (VBUS PIN 1.5A/PIN),
5A (GND PIN 1.25A/PIN MAX), 0.25A/PIN (OTHER PIN).
 - 3-2. INSULATION RESISTANCE : 100 MEGAOHMS MIN. AT 250VDC.
 - 3-3. DIELECTRIC WITHSTANDING VOLTAGE : 100VAC MIN.
 - 3-4. LOW LEVEL CONTACT RESISTANCE :
INITIAL 40mΩ MAX.
AFTER 50mΩ MAX.
4. MECHANICAL CHARACTERISTICS :
 - 4-1. MATING FORCE: 5~20N.
 - 4-2. UNMATING FORCE: 8~20N (INITIAL), 6~20N (AFTER 10000 CYCLES);
 - 4-3. DURABILITY : 10,000 MATING CYCLES.
 - 4-4. OPERATING TEMPERATURE : -40°C TO +80°C

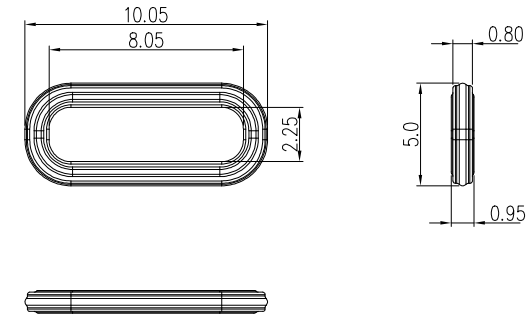
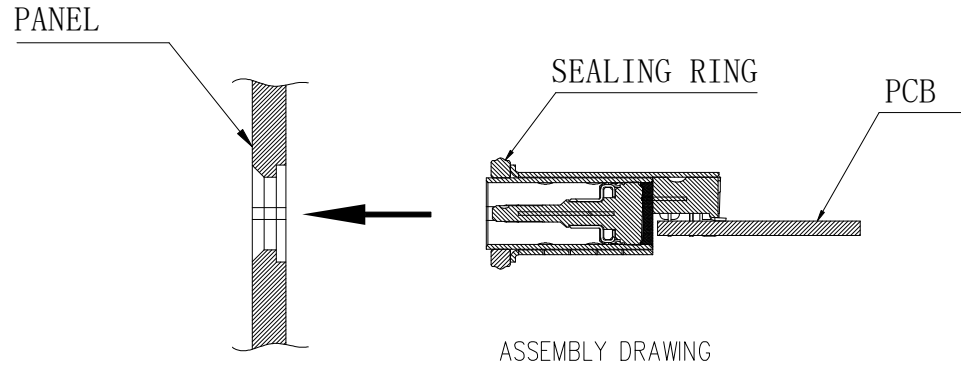
PART NUMBER DESCRIPTION:
10164986-000 X X LF

PACKAGING
1. TRAY

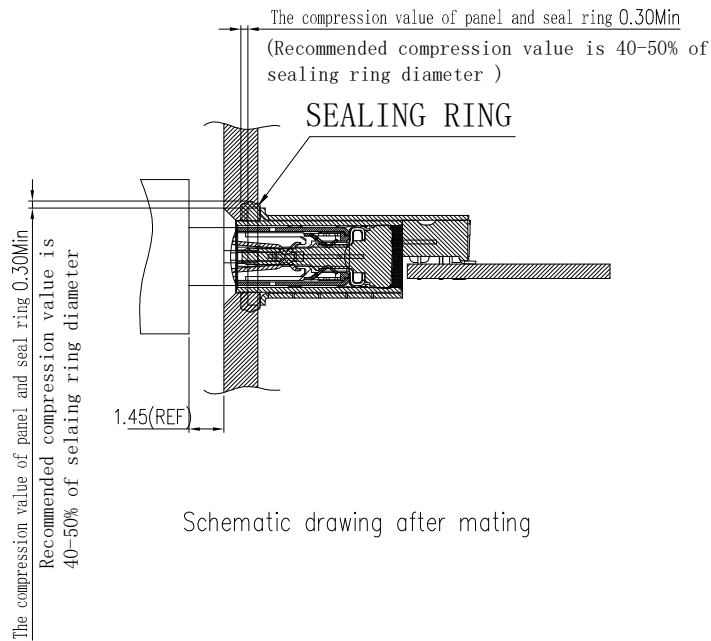
CONTACT PLATING
1. GOLD FLASH
2. 30u" Au
3. 15u" Au

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		mm	title		
A	-	YY	2022/03/14	angles	.0±.35		USB TYPE C FEMALE		
				linear	.00±.20		R/A HYBRID SINK TYPE IP67		
				0°±2'	.000±.15	scale 1:1			
				dr	Y-Y Bao	2022/03/14	dwg no		sheet 1 of 2
				engr	Y-Y Bao	2022/03/14	10164986		A3
				chr	LQ Lei	2022/03/14			
				appd	Tim Yao	2022/03/14	type Product Customer Drawing		
sheet index	revision sheet								

RECOMMENDED SEALING METHOD



RECOMMENDED SPECIFICATION OF SEALING ORING
(MATERIAL: SILICONE RUBBER)



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					angles	.0±.35	USB TYPE C FEMALE			
					linear	.00±.20	R/A HYBRID SINK TYPE IP67			
					0°±2°	.000±.15	scale 1:1			
				dr	Y-Y Bao	2022/03/14	dwg no			
				engr	Y-Y Bao	2022/03/14	sheet 1 of 2			
				chr	LQ Lei	2022/03/14	10164986			
				appd	Tim Yao	2022/03/14	type Product Customer Drawing			
sheet	revision									
index	sheet									