

NOTE:

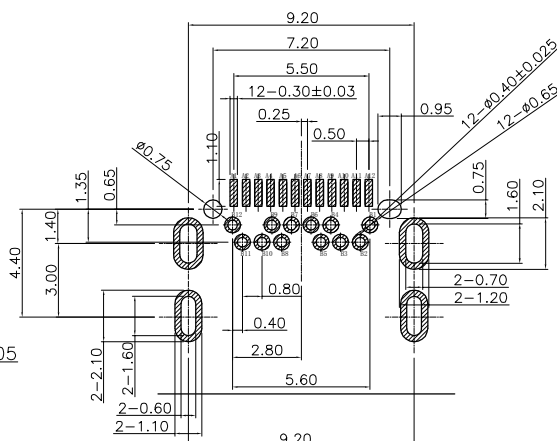
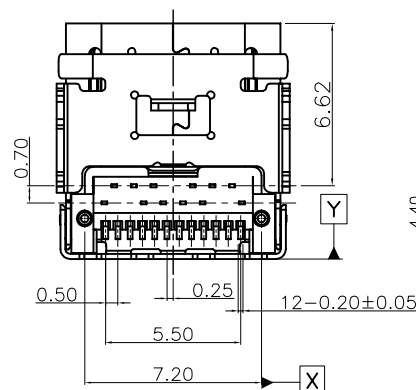
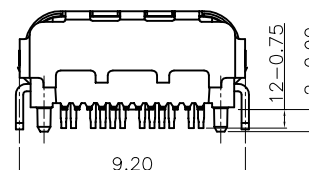
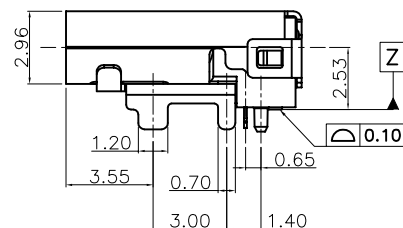
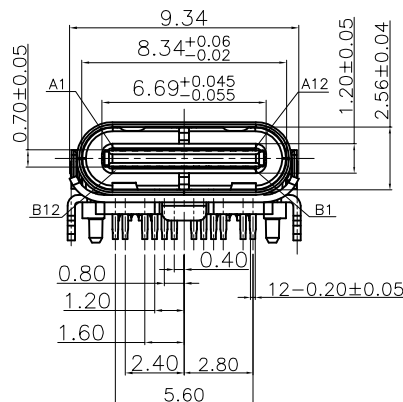
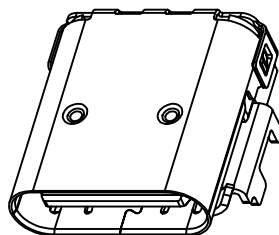
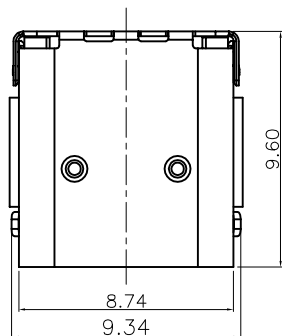
- MATERIAL:
  - INSULATOR: HIGH TEMPERATURE PLASTIC LCP UL 94 V-0;
  - CONTACT: COPPER ALLOY
  - SHELL: STAINLESS STEEL SUS304
  - MYLAR: POLYIMIDE
- ELECTRICAL CHARACTERISTICS:
  - CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
  - CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.
  - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
  - INSULATION RESISTANCE 100MΩ Min
  - OPERATING TEMPERATURE: -40°C ~ 85°C
- MECHANICAL CHARACTERISTICS:
  - MATING FORCE: 5~20 N.
  - UNMATED FORCE: 8~20N AFTER TEST
  - DURABILITY: 10,000 CYCLES
- PLATING
  - TERMINAL CONTACT: (SEE TAB) GOLD PLATING 1u" ALL OVER 50u" Min NICKEL AND 80u" Min Tin ALL OVER 50u" Min NICKEL ON SOLDER AREA
  - SHELL: 50u" Min. NICKEL ALL OVER,

5. PART NUMBER CODE: (产品料号)

CF253-24 X X XX R - 02

PACKING OPTIONS  
R: TAPE & REEL  
CONTACTS PLATED:  
01: 半金锡1u"  
HOUSING COLOR:  
B: BLACK  
HOUSING MATERIAL:  
L: LCP

	A	B
1	GND	12 GND
2	TX1+	11 RX1+
3	TX1-	10 RX1-
4	VBUS	9 VBUS
5	CC1	8 SBU2
6	D+	7 D-
7	D-	6 D+
8	SBU1	5 CC2
9	VBUS	4 VBUS
10	RX2-	3 TX2-
11	RX2+	2 TX2+
12	GND	1 GND



RECOMMENDED P.C.B LAYOUT  
PCB THICKNESS 1.0±0.05mm

<b>PART NO.:</b> SEE THE PART NUMBER CODE		Goldconn Technologies Co., Ltd		<b>DRAWN BY</b> SAM	<b>DATE</b> 2021.12.25
<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>TITLE</b> USB C TYPE F板上L=9.6MM 排距0.70MM垫高CL=2.53MM		<b>CHECKED BY</b> JAY	<b>DATE</b> 2021.12.25
<b>QUALITY SYMBOL</b> 0	x.xxxx	±	---	<b>APPROVED BY</b> JACKY	<b>DATE</b> 2021.12.25
	x.xxx	±	0.10		
	x.xx	±	0.15		
	x.x	±	0.23		
	ANGULAR	±	---		
<b>DWG.NO.</b> CF253-24-02		<b>SHEET NO.</b> 1 OF 1			
<b>DIMENSION STYLE</b> MM ONLY		<b>DESIGN UNITS</b> METRIC		<b>SCALE</b> 1:1	
THIRD ANGLE PROJECTION					