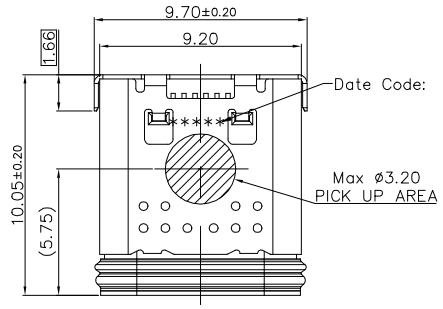
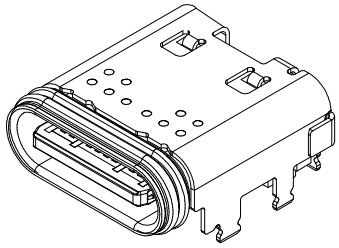
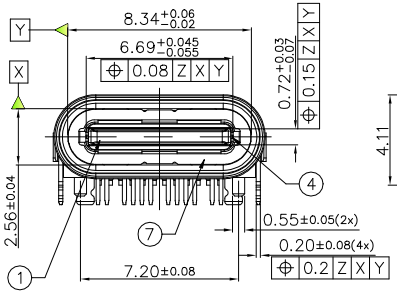
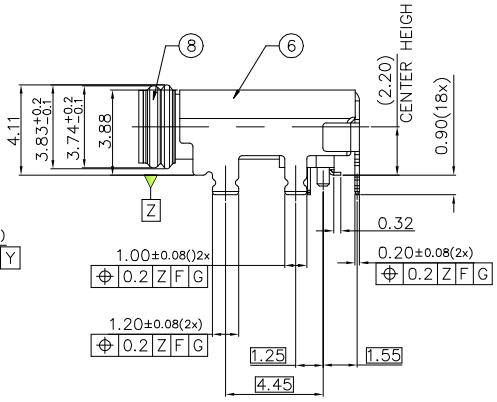
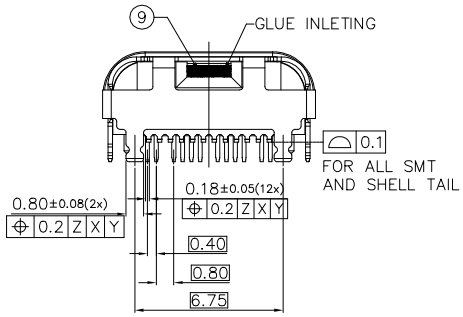
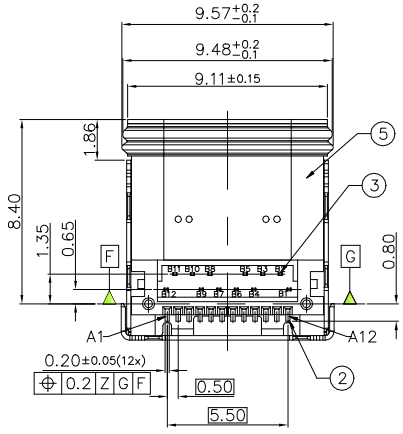












Date Code:

** ** *

Year (H=2021; I=2022...)

Day

Month

NOTE:
1.MATERIAL SPECIFICATION AND PLATING:
REFER THE TABLE
2.MEET WATERPROOF STANDARD SPECIFICATION :
IPX7
3.MECHANICAL PERFORMANCE,
3-1.INSERTION FORCE: 0.5~2.0kgf.
3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
3-3.DURABILITY: 10000 CYCLES.
4.ELECTRICAL PERFORMANCE,
4-1. CURRENT RATING: 1.25A FOR GND AND VBUS;
PARALLELED FOR A TOTAL OF 5A
VOLTAGE RATING: 5.0V
4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ MAX.
4-3.INSULATION RESISTANCE: 100MΩ MIN
4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -55°C~+85°C.
6. PRODUCT PART NUMBER DESCRIPTION:
10176593 - 0 0 0 X X LF
LF = LEAD FREE
X = PACKING TYPE: 1: TAPE/REEL
X = CONTACT AREA PLATING 1: GOLD FLASH

ITEM	PART NAME	TERMINAL	QTY	MATERIAL	REMARK
⑨	BOND	----------	1PCS	----------	----------
⑧	O-RING	----------	1PCS	RUBBER	----------
⑦	IP1	----------	1PCS	STAINLESS STEEL	----------
⑥	SHELL-2	----------	1PCS	STAINLESS STEEL	Ni plating
⑤	SHELL-1	----------	1PCS	STAINLESS STEEL	----------
④	MIDDLE METAL	----------	1PCS	STAINLESS STEEL	Ni plating
③	CONTACT-2	B1~B12	1SET	COPPER ALLOY	Under plating: Ni plating Contact area: Gold plating Soldering area: Gold plating
②	CONTACT-1	A1~A12	1SET	COPPER ALLOY	Under plating: Ni plating Contact area: Gold plating Soldering area: Sn plating
①	MOLDING	----------	1PCS	PLASTIC	UL 94V-0

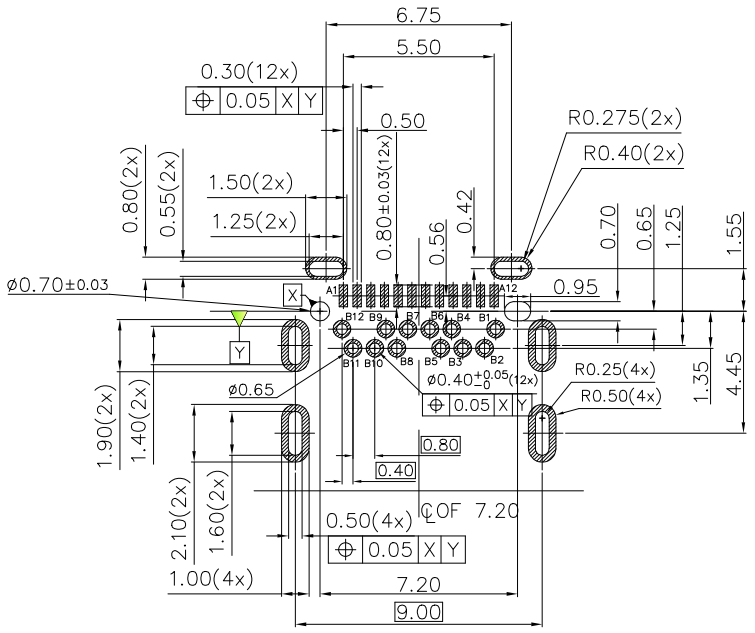
mat'l. code		surface ISO 1302 √	tolerance ISO 406 ISO	projection 1101	product family: USB
ltr A	ecn no -	dr TY	date 2025/06/27	tolerances unless otherwise specified	title: USB TYPE C 24P TH+SMT TYPE
		angles 0°±2°	linear .X±.35 / .XX±.25 / .XXX±.15	mm	scale 1:1
		dr Tian-Yu Tang	2024/03/13		dwg no 10176593 sheet 1 of 2 size A3
		engr Tian-Yu Tang	2024/03/13	Amphenol FCi	
		chr L-Q Lei	2024/03/13		type Product Customer Drawing
		appd Tim Yao	2024/03/13		
sheet index	revision sheet				

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PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSTXp1
A3	SSTXn1	B10	SSTXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSRXn2
A11	SSRXp2	B2	SSRXp2
A12	GND	B1	GND

FOUR GND PIN(A1,A12,B1,B12) ARE CONNECTOR.
FOUR VBUS PIN(A4,A9,B4,B9) ARE CONNECTOR.



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8mm;DEFAULT TOLERANCE:±0.05

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO		projection 1101	product family USB		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title		
A				angles	linear	.X±.35		mm	USB TYPE C 24P TH+SMT TYPE		
				0°±2°		.XX±.25					
						.XXX±.15		scale 1:1			
				dr	Tian-Yu Tang	2024/03/13			dwg no 10176593	sheet 2 of 2	size A3
				engr	Tian-Yu Tang	2024/03/13		Amphenol FCi			
				chr	L-Q Lei	2024/03/13					
				appd	Tim Yao	2024/03/13			type Product Customer Drawing		
sheet index	revision sheet										

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