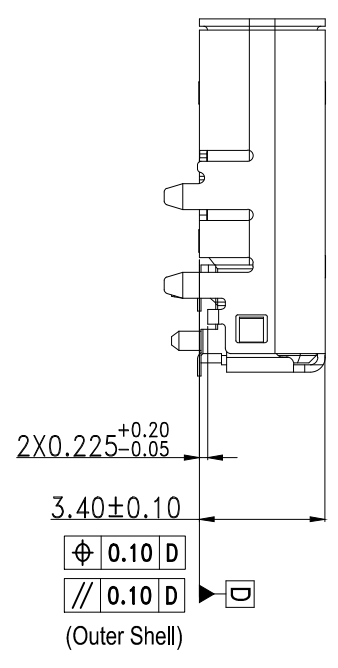
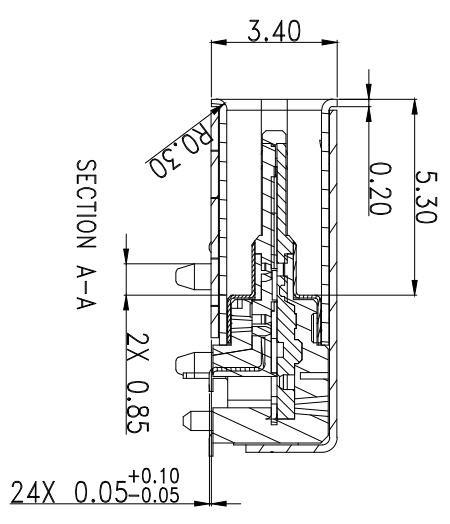
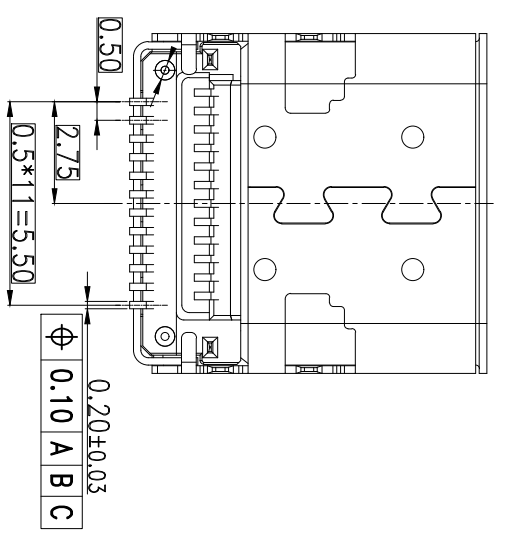
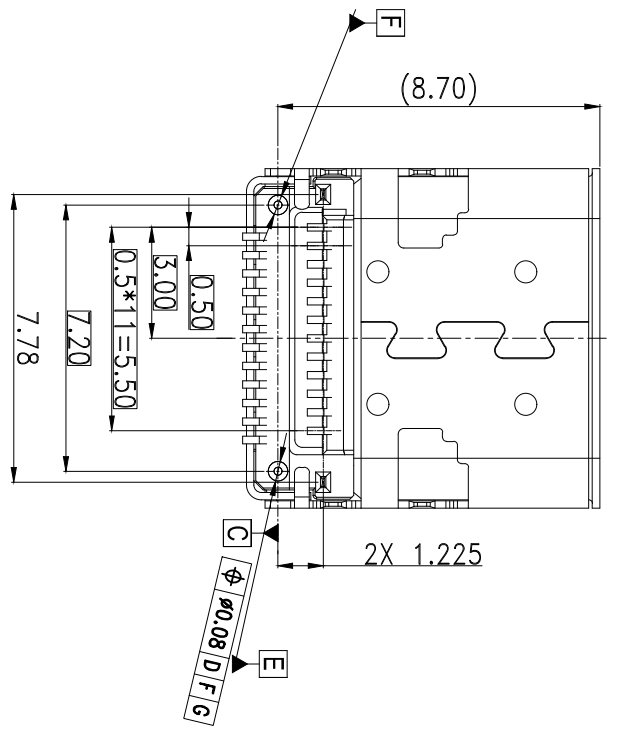
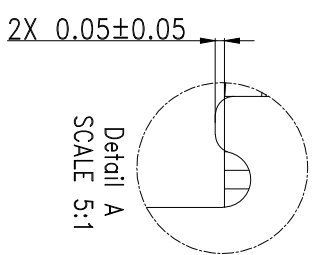
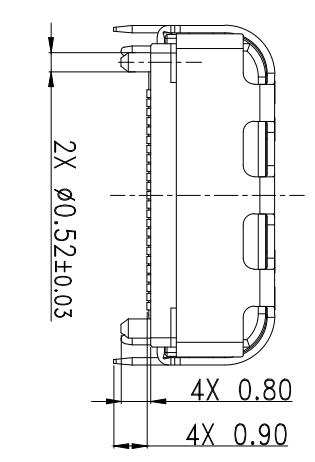
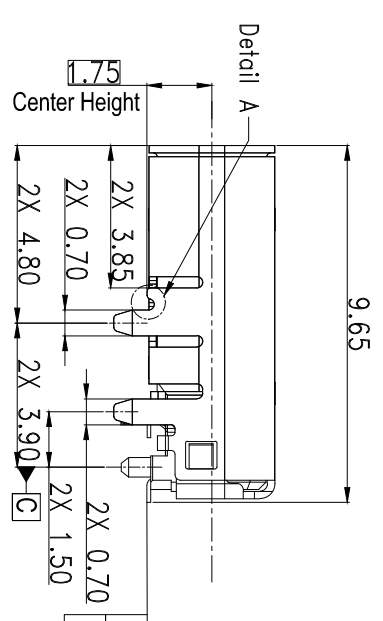
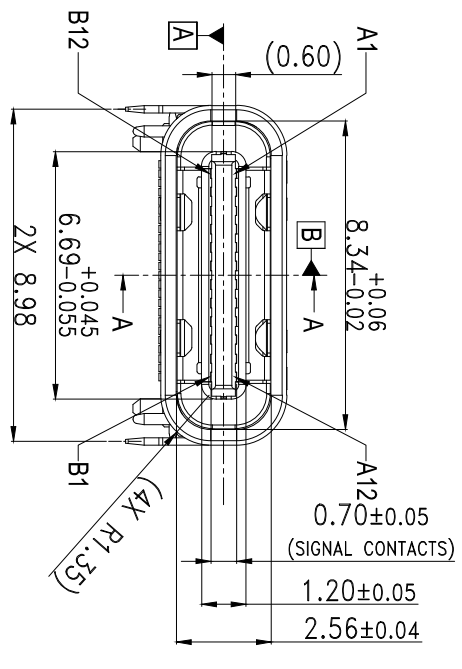
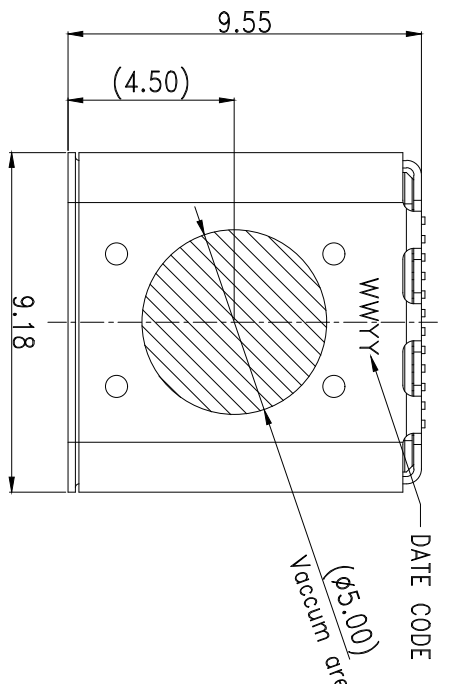


DATE CODE:
 WW YY
 WEEK YEAR



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			SHELL		
GND			GND		



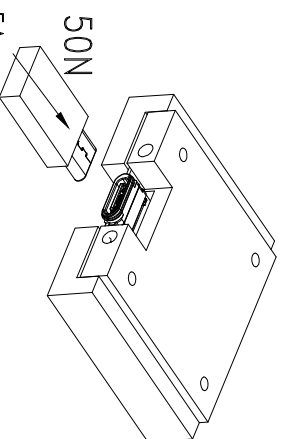
Part Number: 12401899E412A
 Plating Spec: Au30u"
 E4:Mating Area: Au30u"
 Solder Area: Matte Sn 100u"
 Date Code Description: D/C
 0:Without D/C
 1:With D/C
 A:HF
 Package Spec: 2:Reel

GENERAL TOLERANCE	FILE.NO.	C12401899	PART.NO.	12401899E412A	DRAWN	Allan.Lai	MATERIAL	SCALE	1:1
x.±0.50	x.±5°	REV.	TITLE	USB 3.1 TYPE C GEN2	CHECKED	Weison.lu	DATE	UNIT	mm
.x±0.38	.x±2°	SIZE	SHEET	1 OF 2	APPROVED	Tom	10/22/18		
.xx±0.25	.xx±1°	A4					Amphenol Shouhmin Industry		

REV.	ECON.NO.	MODIFY.CONTENT	DATE
A	***	NEW RELEASE	03/29/18
B	***	Update Pn No. 12401899E402A=>12401899E412A	10/22/18

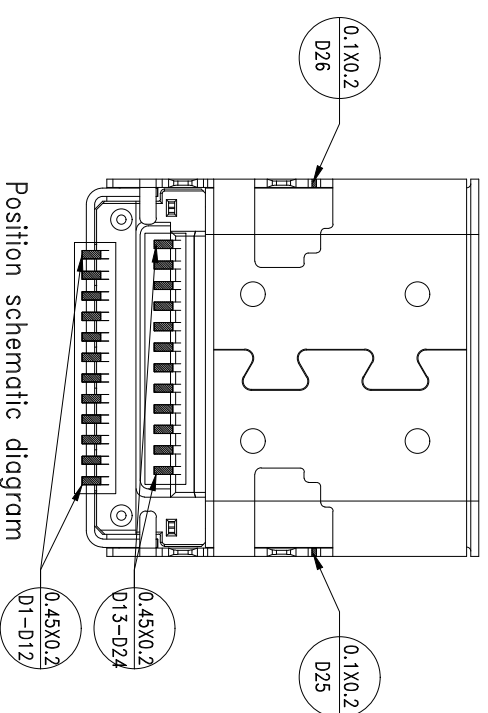
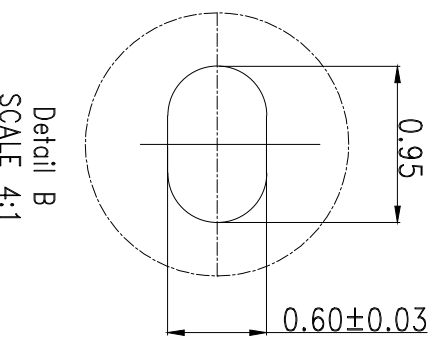
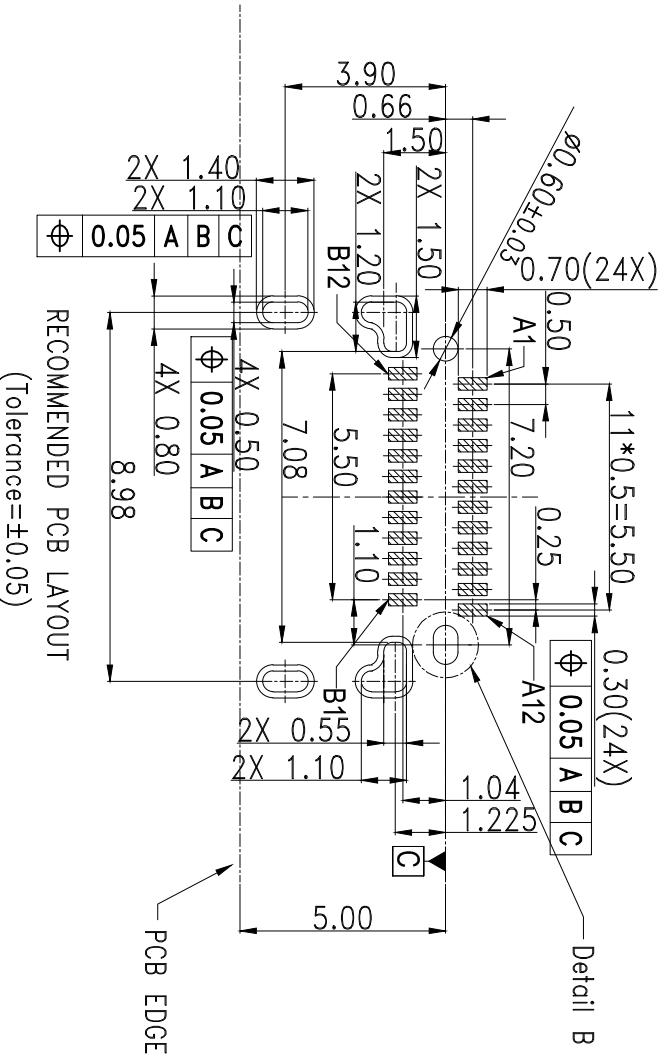
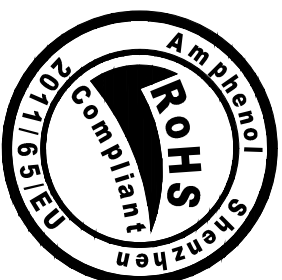
17.Connection sockets load can not lead to any mechanical or electrical interference or damage. The values shown in the table are binding:

Schalter/Switch	Belastungsart/Type of load	Wert/Value
USB-Buchsenanschluss USB socket	Anschlagfestigkeit(Radialkomponente) End stop strength(radial component)	≤50N
USB-Buchsenanschluss USB socket	Mechanische Druckbeaufschlagung(1Min) mechanical pressure application(1min)	≤50N



- Notes:
- Material :
Contacts : copper alloy
Shell : Stainless steel.
Housing : High-temperature polymer UL94V-0, black.
 - Plating :
Contacts:contact area 30u" Au, Solder tail gold flash or matte tin, nickel overall.
Shell : Nickel Plating
3.Coplanarity : 0.08Max.
 - Laser welding process the connector no any light issue
 - Material should be fulfilled Amphenol spec# SSN002
AND Customer Requirements,for halogen free products,
also need to meet SSN004
 - Connector is fully compatible with USB type C connector specification (Release 1.2 or newer)
 - PCB th=1.1 - 1.75mm
 - Ducl row SMT
 - Top mount
 - Insertion / Extraction (acc. to USB type C spec.)
 - *Control dimensions
 - Durability tests: 10000 cycles
 - Operating temperature (mechanical and electrical): -40°C to 105°C
 - Soldering temperature 220 °C / 90sec. 260°C time peak 20sec.
 - Tape and reel packing
 - 4-Axis Continuity Test Fixture (acc. to USB type C spec.)

- Current rating 5A
- Insulation resistance: 100MΩ (test according to EIA 364-21)
- Testing to determine the resistance against flowing mixed gas in accordance with DIN EN 60068-2-60: 1996-09, Test Ke, Method 4 (identical to IEC 60068-60)
- After manufacturing,changes in documentation are allowed by BURY
- Shape and position tolerances according to DIN EN ISO 1101



GENERAL TOLERANCE		FILE.NO.	C12401899	PART.NO.	12401899E412A	DRAWN	Allan.Lai	MATERIAL	DATE		SCALE	UNIT	mm
x.±0.35	x. ± 5°	REV.	B	TITLE	USB 3.1 TYPE C GEN2	CHECKED	Weison.lu	Amphenol Shouhmin Industry	10/22/18		1:1		
.x±0.25	.x ± 2°	SIZE	A4	SHEET	2 OF 2	APPROVED	Tom						
.xx±0.10	.xx ± 1°												