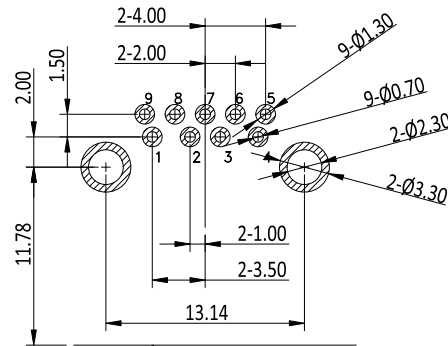
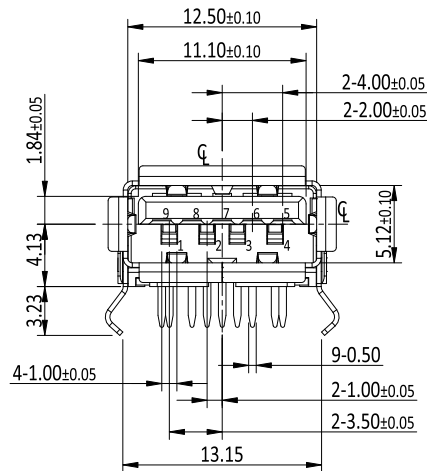
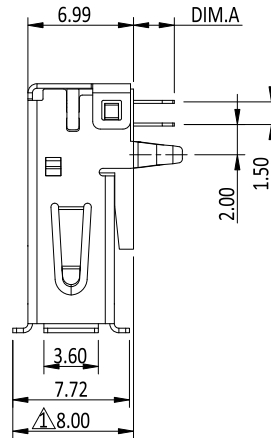
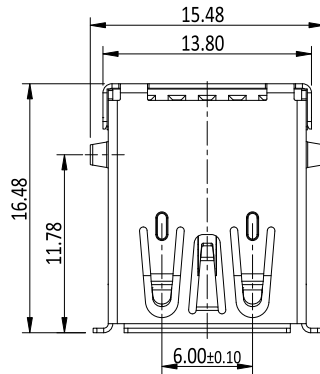
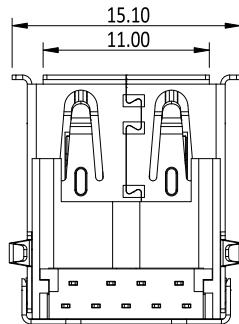


HF
compliant



CONNECTOR FRONT EDGE

RECOMMENDED PCB LAYOUT
TOLERANCES: ± 0.05mm



SPECIFICATION

MATERIAL AND FINISH:

1. INSULATOR: THERMOPLASTIC (BLUE), FLAME CLASS HB
2. CONTACTS: COPPER ALLOY
PLATING: UNDERPLATE: 50~100u" NI
CONTACT AREA: 1~30u" AU or 30u"PD-NI+2u"AU
SOLDER TAILS AREA: 100~200u" SN (MATTE)
3. SHELL: STEEL, NI PLATED

ELECTRICAL CHARACTERISTIC:

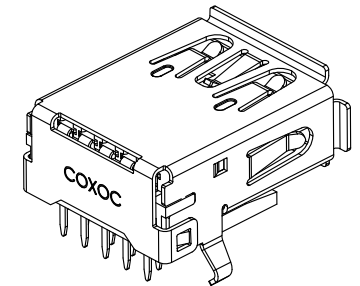
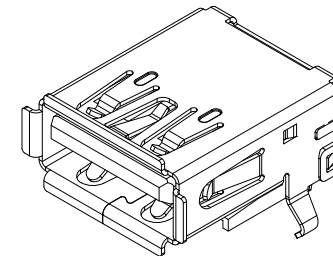
1. CURRENT RATING:
1.8 Amps (MAX) SHALL BE APPLIED TO VBUS PIN AND ITS CORRESPONDING GND PIN
0.25 Amp (MIN) SHALL BE APPLIED TO ALL THE OTHER CONTACTS
2. CONTACT RESISTANCE: 30 mΩ[(MAX)INITIAL FOR VBUS AND GND CONTACTS
50 mΩ[(MAX)INITIAL FOR ALL OTHER CONTACTS
3. INSULATION RESISTANCE: 100 MΩ MIN @ 250 VDC
4. DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC / MINUTE
5. MATING CYCLES: 5,000 INSERTIONS

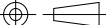
ENVIRONMENT:

1. OPERATING TEMPERATURE RANGE: -40°C TO +85°C

PACKING:

1. TRAY



1	53114080010	377AH09FZTS6NCA2	30u"PD-NI+2u"AU/SN(MATTE)	2.70mm	
ITEM	NEW P/N	OLD P/N	CONTACT PLATING	DIM.A	
UNLESS OTHERWISE SPECIFIED TOLERANCE ANG. ±5° 0. ±0.50 0 ±0.30 .00 ±0.20		 SIP  Cmpk Cpk	 CHANT SINCERE CO.,LTD		
SCALE: AS SHOWN		UNIT: mm			
DRAWN: HOLLY_TU		21 Mar 2025			
CHECKED: PEARL_HUNG		21 Mar 2025	TITLE: USB 3.0 A(F) DIP		
APPROVED: PEARL_HUNG		21 Mar 2025			
PART NO.		5311408XXXX	C		
 SIZE A4		SHEET 1/1	REV. K	CODE: GA	CUSTOMER:
7		8	9	10	