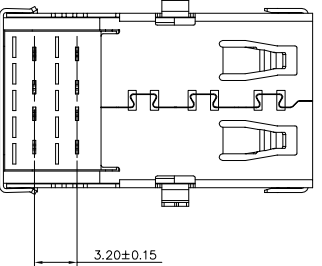
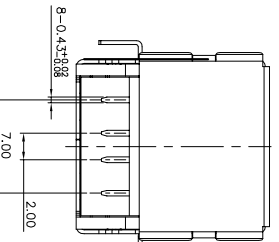
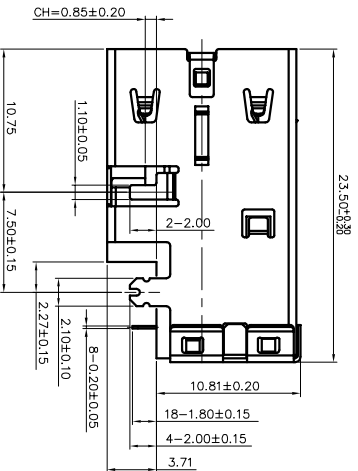
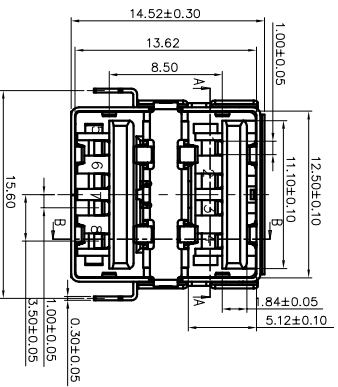
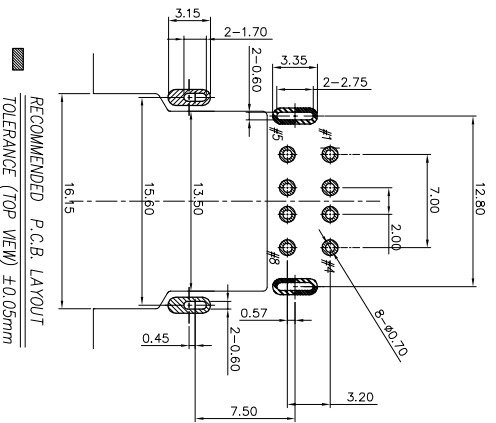


SECTION A--A

RECOMMENDED P.C.B. LAYOUT
TOLERANCE (TOP VIEW) $\pm 0.05\text{mm}$



- SPECIFICATIONS:
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 1.8A (VBUS&GND), OTHER CONTACTS 0.25A
 - RATING VOLTAGE: 30V AC.
 - CONTACT RESISTANCE: 30mΩ MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE
 - INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
 - MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE : 35N MAX. INITIAL.
 - WITHDRAWAL FORCE : 9.8N MIN INITIAL, 8N MIN, FOR AFTER TEST.
 - LIFE TEST: 1500 CYCLES MIN.
 - OPERATING TEMPERATURE: -55~+85°C
 - OTHER GENERAL SPEC TO REFER "USB 2.0 SERICE_SPEC"
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - HALOGEN FREE PRODUCT IDENTIFICATION MARK :
 - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
 - FOR IR REFLOW ROFILE, PEAK TEMPERATURE: 260°C MAX. 10SECS.
 - PACKAGING : TAPE & REEL.

TABLE		PLATING & COLOR	
PART NO.:			
ZUB2Y12-200011F	GOLD FLASH ON CONTACT AREA MATE TIN 100μ MIN. ON SOLDER TAIL NICKEL 50μ MIN. UNDER PLATED		BLACK
ZUB2Y12-203011F	Au 30μ MIN. ON CONTACT AREA MATE TIN 100μ MIN. ON SOLDER TAIL NICKEL 50μ MIN. UNDER PLATED		BLACK

REMARK	PIN NO.:	SIGNAL NAME
USB2 CONTACT PIN	1	VBUS
	2	D-
	3	D+
	4	GND
USB2 CONTACT PIN	1	VBUS
	2	D-
	3	D+
	4	GND

G	MIDDLE SHELL	1	STAINLESS STEEL	CLEAN
F	REAR SHELL	1	STAINLESS STEEL	CLEAN
E	FRONT SHELL	1	STAINLESS STEEL	ALL OVER NICKEL PLATING
D	COVER	1	HI-THERMAL PLASTIC U.94V-0	SEE TABLE
B	USB2.0 CONTACT	4	COPPER ALLOY	SEE TABLE
A	HOUSING	1	HI-THERMAL PLASTIC U.94V-0	SEE TABLE

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
Singatron Enterprise Co., Ltd. 信晉企業股份有限公司 双层USB2.0 DIP TYPE				
	TITLE			
DWN	Ye wei	PART NO. ZUB2Y12-20X011F		
CHKD	Jin-Dong	SCALE: 1:1	UNIT: mm	
APVD	Jin-Dong	SIZE: A1	SHEET: 10F1	REV: A
CUSTOMER COPY				

REV	ECN NO OR DESCRIPTION	REVISION	DATE
A	PRODUCT RELEASE	Ye wei	2023.05.08