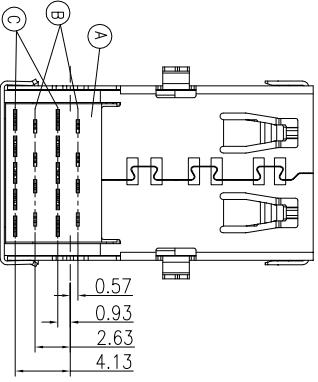
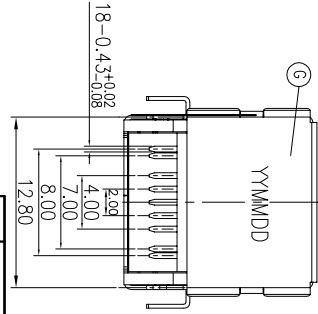
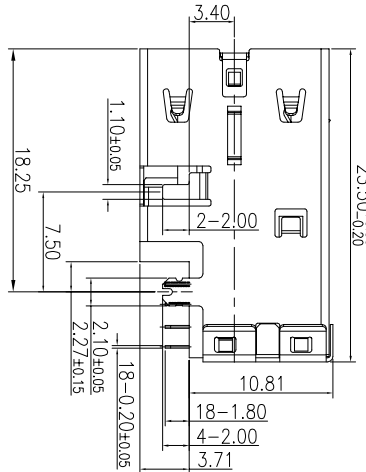
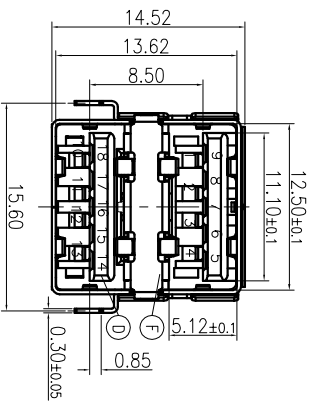


RECOMMENDED P.C.B. LAYOUT
TOLERANCE (TOP VIEW) ±0.05mm



SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 1.8A (VBUS&GND) ; OTHER CONTACTS 0.25A
 - CONTACT RESISTANCE: 30mΩ (INITIAL)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:5000 CYCLES.
 - OPERATING TEMPERATURE: -55~+85°C
 - OTHER GENERAL SPEC TO REFER "USB 3.0 SERVIC 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.

REMARK	PIN NO.:	SIGNAL NAME
USB2 CONTACT PIN	1	10 VBUS
	2	11 D-
	3	12 D+
	4	13 GND
	5	14 SSRX-
USB3 CONTACT PIN	6	15 SSRX+
	7	16 GND_DRAIN
	8	17 SSTX-
	9	18 SSTX+

G	REAR SHELL	1	STAINLESS STEEL	CLEAN
F	FINGER	1	STAINLESS STEEL	CLEAN
E	SHELL	1	STAINLESS STEEL	ALL OVER NICKEL PLATING
D	HOUSING	1	HI-THERMAL PLASTIC(U94V-0)	BLACK
C	USB3.0 CONTACT	10	BRASS	Au 150"MIN. ON CONTACT AREA WATE TIN 100"MIN. ON SOLDER TAIL NICKEL 50" MIN. UNDER PLATED
B	USB2.0 CONTACT	8	COPPER ALLOY	
A	STOPPER	1	HI-THERMAL PLASTIC(U94V-0)	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.
信登企業股份有限公司

TITLE	DECIMALS:	ANGLES:
DWN	:±0.5	X :±2°
CHKD	:±0.3	X.X :±1°
APVD	:±0.2	X.XX :±0.2

雙層USB3.0 DIP TYPE

Ye Ma	PART NO.2UB2Y12-230151F
Ujm-dang	SCALE 1:1 UNIT: mm
Ujm-dang	SIZE: A1 SHEET: 10F1 REV: A

CUSTOMER COPY