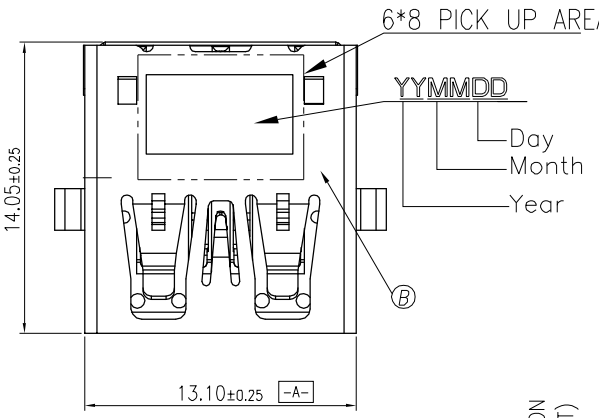
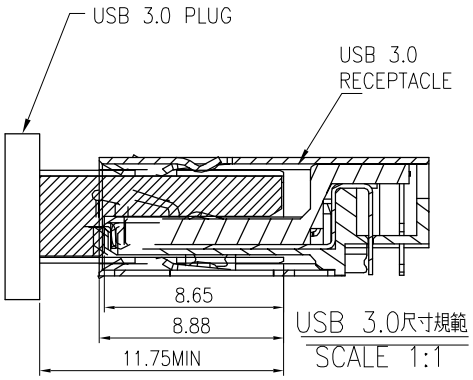
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.:T181213-3A	WENRONG	2019.05.10

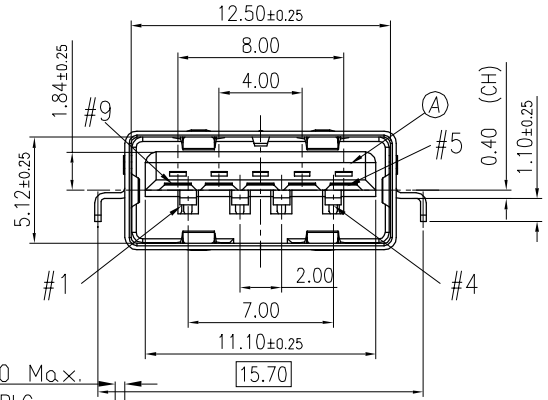


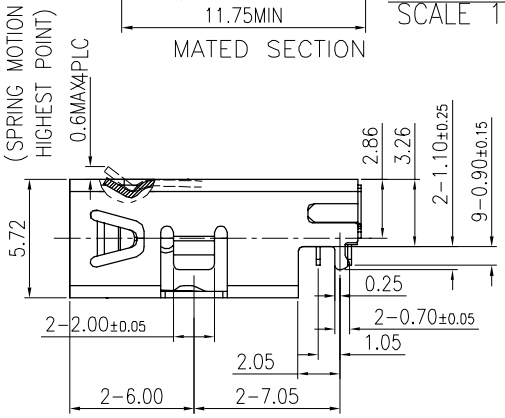


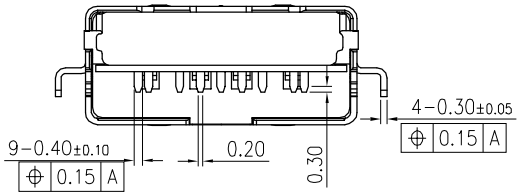
USB 3.0尺寸規範
SCALE 1:1

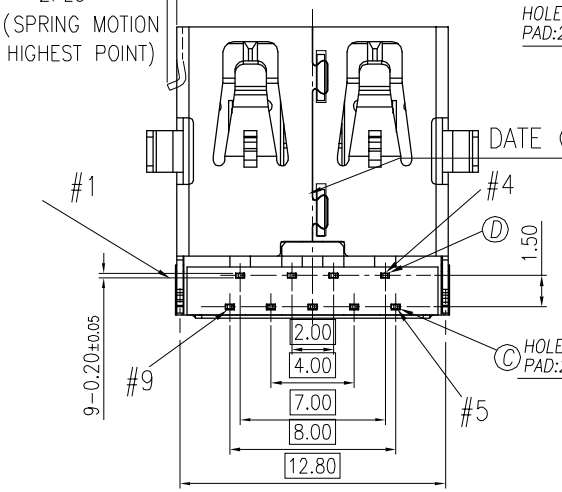
SPECIFICATIONS:

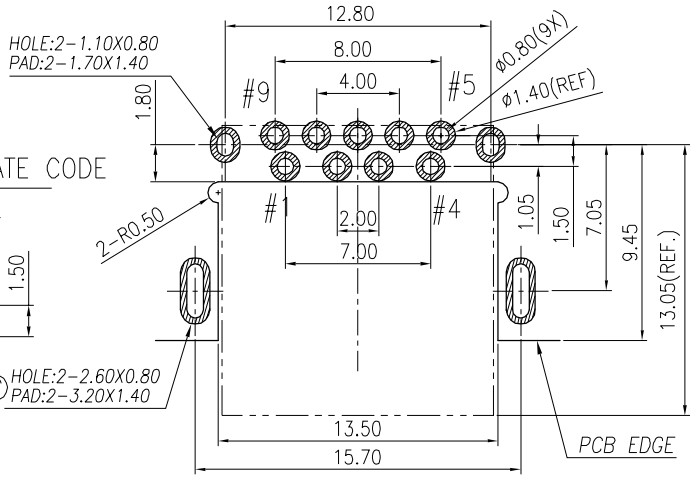
1. ELECTRICAL CHARACTERISTICS:
   1-1. CURRENT RATING: 1.8A (PIN1,4) ; OTHER CONTACTS 0.25A
   WORKING RATED VOLTAGE:30V AC
   1-2. CONTACT RESISTANCE: 30 mΩ MAX.(INITIAL) FOR VBUS/ GND CONTACTS
   50 mΩ MAX.(INITIAL) FOR ALL OTHER CONTACTS.
   1-3. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
   1-4. INSULATION RESISTANCE: 100MΩ MIN
2. MECHANICAL CHARACTERISTICS:
   2-1. INSERTION FORCE : 35N MAX. INITIAL.
   2-2. WITHDRAWAL FORCE : 10N MIN. INITIAL,8N MIN. FOR AFTER TEST.
3. DURABILITY: 5,000 CYCLES,
4. OTHER SPEC TO REFER USB 3.0 SPEC.
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK : ◎
7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
9. PACKAGING : TAPE & REEL.











Recommended P.C.B Layout (THK:0.9mm)
Top View (Tol:±0.05)

TABLE:

2UB2307-010111F	GOLD PLATING	BLUE	# 8	Stda_SST-
2UB2307-011111F	30u" Au	BLUE	# 9	Stda_SST+
2UB2307-020111F	GOLD PLATING	BLACK	SHELL	Shield

Pin NO.	Signal Assignment
# 1	VBUS
# 2	D-
# 3	D+
# 4	GND
# 5	Stda_SSR-
# 6	Stda_SSR+
# 7	GND_DRAIN

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	SHELL COVER	1	SUS430 0.15T	BLUE (300C)
E	HOUSING COVER	1	PA9T+45%GF GP2450NH-2-KB327 UL94V-0	
D	4P TERMINAL	4	C5210-EH 0.2T	SEE TABLE
C	5P TERMINAL	5	C5210-EH 0.2T	
B	SHELL	1	SUS301-1/2H 0.3T	NICKEL 60u"MIN
A	HOUSING	1	PA10T+30%GF Vicnyl R630NH-NC UL 94V-0	SEE TABLE

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.3 X.X :±1°
X.XX :±0.2

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	USB3.0 CONNECTOR		
DWN	WENRONG	PART NO. 2UB2307-0XX111F	
CHKD	JAMES	SCALE 4:1	UNIT: mm
APVD	BOYE	SIZE: A3	SHEET:1 OF 1 REV: A

CUSTOMER COPY

文件編號 RD-06-043-A