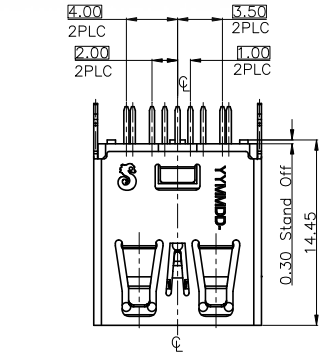
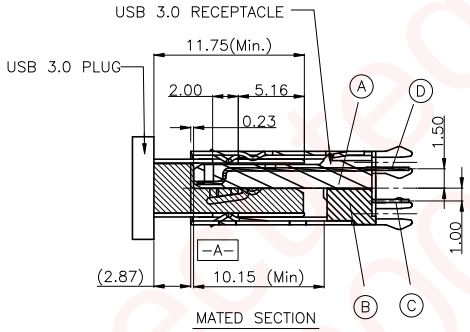
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T150402-1A	Edi.Zhou	2015.05.29
B	ECN NO:S150949-C	PENG	2015.11.30

SPECIFICATIONS:

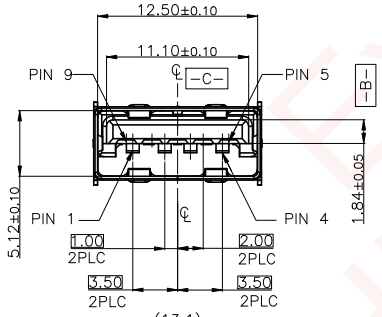
1. ELECTRICAL CHARACTERISTICS:
   1-1. CURRENT RATING: 1.8A (PIN1,4) ; OTHER CONTACTS 0.25A
   1-2. CONTACT RESISTANCE: 30mΩ MAX.
   1-3. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
   1-4. INSULATION RESISTANCE: 100MΩ MIN .
2. MECHANICAL CHARACTERISTICS:
   2-1. INSERTION FORCE : 3.5 Kgf MAX.
   2-2. WITHDRAWAL FORCE : 2.5Kgf MAX.
   INITIAL : 1.0~2.5Kgf.
   TEST AFTER : 0.80~2.5Kgf.
3. DURABILITY: 5,000 CYCLES.
4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
7. FOR WAVE SOLDERING LEAD-FREE PROCESS.
8. DATE : YYMMDD-
9. PACKAGING : TAPE&REEL

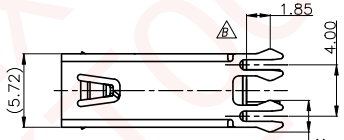
3D VIEW

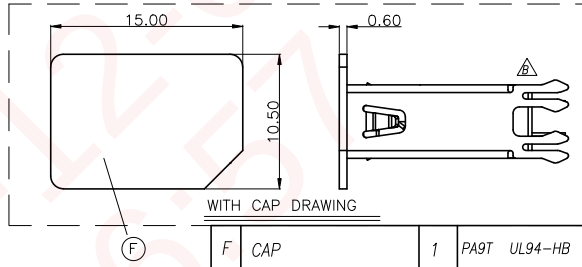




MATED SECTION

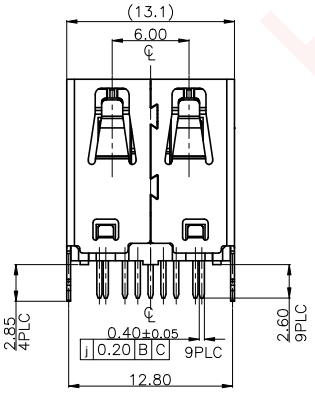


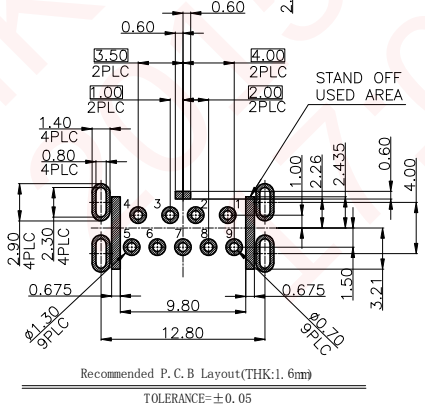




WITH CAP DRAWING

REMARK	Pin Number	Signal ASSIGNMENT
USB2.0 CONTACT PIN	PIN 1	VBUS
	PIN 2	D-
	PIN 3	D+
	PIN 4	GND
USB3.0 CONTACT PIN	PIN 5	StdA_SSRX-
	PIN 6	StdA_SSRX+
	PIN 7	GND_DRAIN
	PIN 8	StdA_SSTX-
	PIN 9	StdA_SSTX+





Recommended P.C.B Layout(THK:1.6mm)

TOLERANCE=±0.05

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	CAP	1	PA9T UL94-HB	BLACK
E	SHELL	1	STAINLESS STEEL,T=0.30	NICKEL 60u"MIN
D	4 PIN TERMINAL	5	BARSS,T=0.25	Au 2u" OVER 30uin Pd/Ni PLATED ON CONTACT AREA; Matt. Sn 120uin PLATED ON SOLDERING ALL OVER 80uin NICKET PLATING.
C	4 PIN TERMINAL	4	PHOSPHOR BRONZE,T=0.25	
B	BASE	1	PA9T UL94V-0	BLACK
A	BODY	1	PA9T UL94V-0	BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.3, X.XX :±0.2

ANGLES: X :±2°, X.X :±1°

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

TITLE	USB 3.0 CONNECTOR			
DWN	PENG	PART NO:2UB3903-034101F		
CHKD	CERRY	SCALE:4:1	UNIT: mm	
APVD	BOYE	SIZE: A3	SHEET:1 OF 1	REV:B

CUSTOMER COPY

文件編號:06-043-A