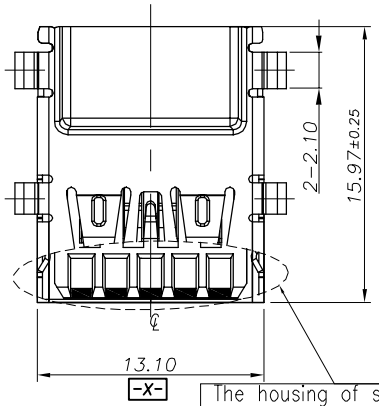
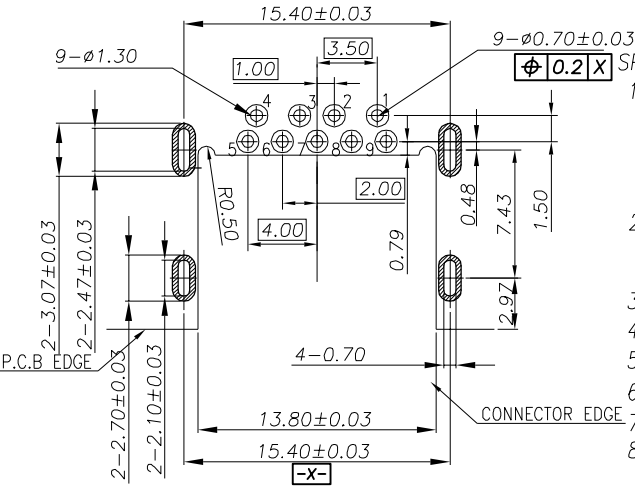
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:S230413-3A	HAOLAN	2023.09.20

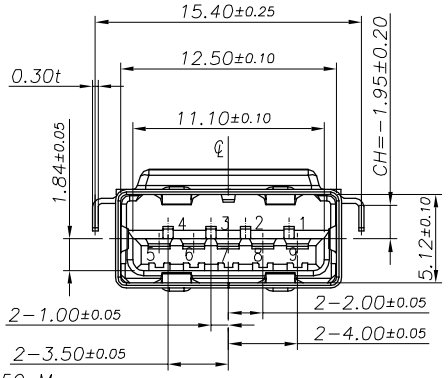


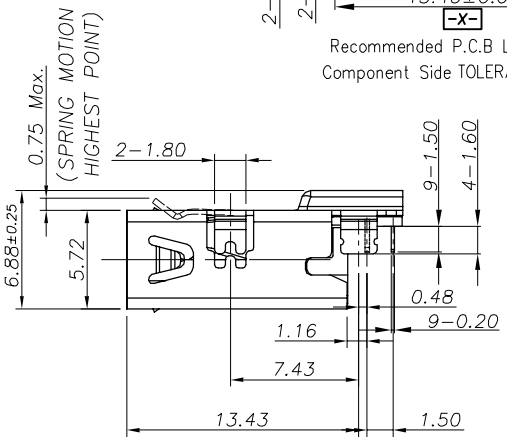


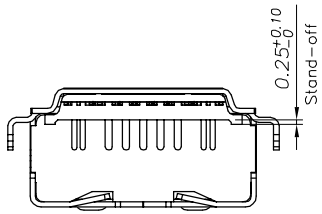
Recommended P.C.B Layout (THK:1.2mm)
Component Side TOLERANCE=±0.03 TOP VIEW

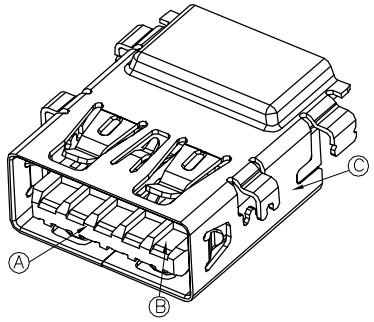
SPECIFICATIONS:

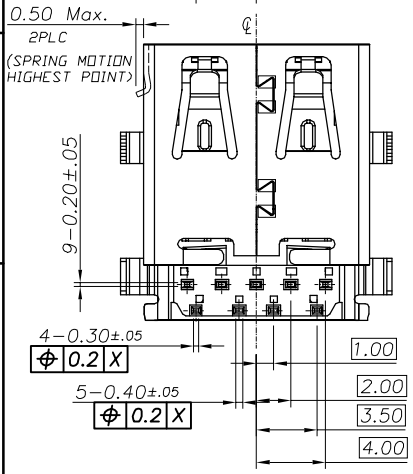
1. ELECTRICAL CHARACTERISTICS:
   1-1. CURRENT RATING: 1.8A (PIN1,4) ; OTHER CONTACTS 0.25A
   1-2. CONTACT RESISTANCE: 30mΩ MAX.
   1-3. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
   1-4. INSULATION RESISTANCE: 100MΩ MIN
2. MECHANICAL CHARACTERISTICS:
   2-1. INSERTION FORCE : 3.0 Kgf MAX
   2-2. WITHDRAWAL FORCE : 0.7 Kgf~ 3.0 Kgf.
3. DURABILITY: 5,000 CYCLES.
4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. HALOGEN FREE IDENTIFICATION MARK ON JACK: ◎
6. HALOGEN FREE IDENTIFICATION LABEL ON PACKAGING:
7. FOR IR RE-FLOW PROCESS.
8. PACKAGING : TAPE & REEL.

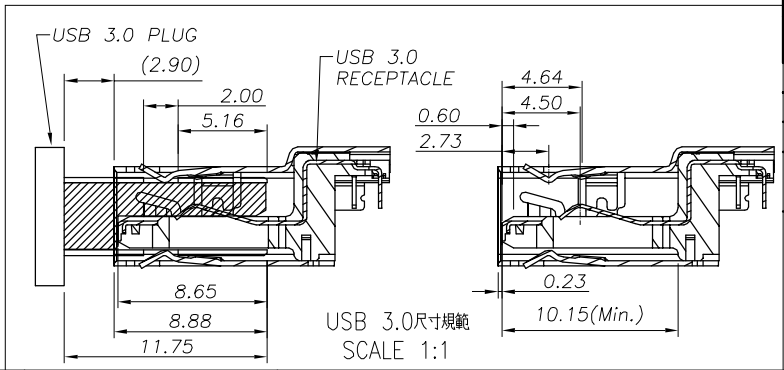












Pin Number	Signal ASSIGNMENT
PIN 1	VBUS
PIN 2	D-
PIN 3	D+
PIN 4	GND
PIN 5	StdA_SSRX-
PIN 6	StdA_SSRX+
PIN 7	GND_DRAIN
PIN 8	StdA_SSTX-
PIN 9	StdA_SSTX+

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
C	SHELL	1	STAINLESS STEEL	BLACK NICKEL 60u"MIN
B	TERMINAL	9	COPPER ALLOY	30uin Au ON MATING AREA, MATTE Sn 40-80uin ON SOLDERING AREA, 80uin NICKEL UNDER PLATING OVERALL
A	HOUSING	1	THERMOPLASTIC	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 REVERSE CONNECTOR		
DWN	HAOLAN	PART NO.2UB4014-110101F	
CHKD	ALLEN	SCALE 1:1	UNIT: mm
APVD	BOYE	SIZE: A3	SHEET:1 OF 1 REV:A

CUSTOMER COPY

文件編號 RD-06-043-A