



RECOMMENDED P.C.B LAYOUT COMPONENT SIDE
 DEFAULT TOLERANCES ±0.05mm PCB THICKNESS=1.20mm

STAND OFF AREA
 9*±0.10

- SPECIFICATIONS:
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 1.9A (PIN 4) ; OTHER CONTACTS 0.25A
 - CONTACT RESISTANCE: 30mΩ MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
 - INSULATION RESISTANCE: 100MΩ MIN
 - MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE : 1.0~3.5 Kgf
 - WITHDRAWAL FORCE : 1.0 Kgf MIN(AFTER TEST)
 - DURABILITY: 5,000 CYCLES.
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING.
 - FOR RETLOW SOLDERING LEAD-FREE PROCESS.
 - DATE : YYMMDD
 - PACKAGING : TAPE & REEL.

MYLAR		KAPTON	
Pin Number	Signal ASSIGNMENT	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
G	MyIar	2	KAPTON 5.0x8.0	YELLOW
F	MyIar	1	KAPTON 11.0x8.0	YELLOW
E	TERMINAL	5	BRASS	
D	TERMINAL	4	PHOSPHOR BRONZE	GOLD FLASH ON MATING AREA, 100μ MIN MAT TIN PLATED ON SOLDERING 50μ NICKEL UNDER PLATING OVERALL
C	SHELL	1	STAINLESS STEEL	NICKEL 60μ MIN
B	BASE	1	HIGH TEMP. THERMOPLASTIC	BLACK
A	HOUSING	1	UIGAY-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

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

Singatron Enterprise Co., Ltd.
 信管企業股份有限公司

TITLE: USB 3.0 CONNECTOR
 DWN: YUREN PART NO. 2UB3Y00-008101F
 CHKD: CERRY SCALE 4:1 UNIT: mm
 APVD: MAX SIZE: A3 SHEET: 1 OF 1 REV: C

REV	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO: T130102-13A	Solder		2013.04.09
B	ECN NO: S130450/S130552	YUREN		2013.08.05
C	ECN NO: S130654	YUREN		2014.02.08