



STAND OFF P.C.B. LAYOUT
 SPRING TIP AREA(HOLE) RECOMMENDED TOLERANCE (TOP VIEW) ±0.05mm
 PAD

- SPECIFICATIONS:
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 1.8A (PIN1,4) ; 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: 5,000 CYCLES
 - OTHER GENERAL SPEC TO REFER "2UB2Y90 SERIES SPEC"
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - HALOGEN FREE PRODUCT IDENTIFICATION MARK : (C)
 - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: (C)
 - FOR IR REFLOW ROFILE,PEAK TEMPERATURE:260°C MAX.10SECS.
 - PACKAGING : TAPE & REEL.



PIN NO.:	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	SSRX-
6	SSRX+
7	GND_DRAIN
8	SSTX-
9	SSTX+

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	HOUSING	1	HIGH TEMPERATURE PLASTIC UL94V-0	BLUE(300C)
B	BLOCK	1		
C	5P TERMINAL	5	COPPER ALLOY T=0.20	
D	4P TERMINAL	4	COPPER ALLOY T=0.30	Ni 50μ"MIN. PLATING
E	SHELL	1	STAINLESS STEEL T=0.30	

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

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

TITLE: USB 3.0 CONNECTOR

DWM Ye wei PART NO.2UB2Y90-323011F
 CHKD Jim-deng SCALE 1:1 UNIT: mm
 APVD Jim-deng SIZE: A3 SHEET: 10F1 REV: A

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

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REV/ECN NO	OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	Ye wei	2023.03.03