

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	HOUSING	1	THERMOPLASTIC 94V-0	BLACK
B	BASE	1	THERMOPLASTIC 94V-0	BLACK
C	SHELL	1	STAINLESS STEEL	NICKEL 60U"MIN
D	TERMINAL	4	COPPER ALLOY	
E	TERMINAL	5	COPPER ALLOY	
F	MYLAR	2	KAPTON 4*4*0.061	YELLOW

UNLESS OTHERWISE SPECIFIED TOLERANCES

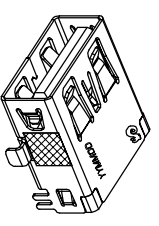
DECIMALS: ANGLES:

X :±0.5 X :±2°

X.X :±0.3 X.X :±1°

X.XX :±0.2 X.XX :±0.2

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



- SPECIFICATIONS:
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING: 1.84 (PIN1,4) ; OTHER CONTACTS 0.25A
 - CONTACT RESISTANCE: 30mΩ MAX
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
 - INSULATION RESISTANCE: 100MΩ MIN
 - MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE : 3.5 kgf MAX
 - WITHDRAWAL FORCE : 1.0 kgf MIN(INITIAL),0.8 kgf(AFTER TEST)
 - DURABILITY: 5,000 CYCLES
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - HALOGEN FREE IDENTIFICATION MARK ON JACK: ©
 - HALOGEN FREE IDENTIFICATION LABEL ON PACKAGING: ©
 - FOR IR RE-FLOW PROCESS.
 - DATE : YMMDD
 - PACKAGING : TAPE & REEL.
 - Other GENERAL SPEC. To REFERER.
 - "2UB4006-110101F SPEC."

Pin Number	Signal ASSIGNMENT
PIN 1	VBUS
PIN 2	D-
PIN 3	D+
PIN 4	GND
PIN 5	SD4_SSRX-
PIN 6	SD4_SSRX+
PIN 7	GND_DRAIN
PIN 8	SD4_SSTX-
PIN 9	SD4_SSTX+

2.0±0.05 OVER 30μm/20μm PLATED ON MATING AREA, 120μ" Sn PLATED ON SOLDERING 80/NICKEL UNDER PLATING OVERBALL

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TITLE	USB 3.0 CONNECTOR
DWM	Mystic PART NO.:2UB4006-230101F
CHKD	James SCALE 1:1 UNIT: mm
APVD	Boye SIZE: A3 SHEET: 1 OF 1 REV: D

CUSTOMER COPY

REV	ECN NO OR DESCRIPTION	REVISED	DATE
B	ECN NO : T130122	Victor	2014.02.17
C	ECN NO :S160813-C	peng	2016.09.23
D	ECN NO :S202002-C06	Mystic	2020.04.21

Singatron Enterprise Co., Ltd.
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