

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T170424-2A/2B	PENG	2017.08.08

SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
  - CURRENT RATING: 1.8A (PIN1,4) ; OTHER CONTACTS 0.25A
  - CONTACT RESISTANCE: 40mΩ MAX.FOR VBUS AND PGND(B1 PIN&B4 PIN) 50mΩ MAX.(FOR OTTHER PIN)
  - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
  - INSULATION RESISTANCE: 100MΩMIN
  - SHELL-1 SHOULD CONTACT WITH SHELL-2
- MECHANICAL CHARACTERISTICS:
  - INITIAL : 1.0 Kgf MIN, 3.5 Kgf MAX
  - TEST AFTER : 0.8 Kgf MIN, 3.5 Kgf MAX
- DURABILITY: 5,000 MATING CYCLES.
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
- HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
- FOR WAVE SOLDERING LEAD-FREE PROCESS.
- DATE : YYMMDD
- 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+

PART NUMBER	PLATING
2UB3902-011101F	30u" AU PLATED ON MATING AREA, Matt. Sn 100u"Min.PLATED ON SOLDERING 60u"NICKEL UNDER PLATING OVERALL
2UB3902-012101F	2u" AU+30u" Pd/Ni ON MATING AREA, Matt. Sn 100u"Min.PLATED ON SOLDERING 50u"NICKEL UNDER PLATING OVERALL

J	MYLAR	1	KAPTON	9.7mm*5mm*0.3mm
I	SHELL-2	1	STAINLESS STEEL t=0.30	SEE "TABLE"
H	SHELL-1	1	STAINLESS STEEL t=0.30	
G	BOTTOM TERMINAL(4PIN)	4	COPPER ALLOY	SEE "TABLE"
F	BOTTOM TERMINAL 5PIN	5	COPPER ALLOY	
E	TOP TERMINAL 4PIN	4	COPPER ALLOY	
D	TOP TERMINAL 5PIN	5	COPPER ALLOY	
C	BASE-2	1	THERMOPLASTIC	BLUE(300C)
B	BASE-1	1	THERMOPLASTIC	
A	HOUSING	1	THERMOPLASTIC	
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES		Singatron Enterprise Co., Ltd. 信音企業股份有限公司	
DECIMALS:	ANGLES:	TITLE	USB 3.0 CONNECTOR
X : ±0.50	X : ±2°	DWN	peng
X.X : ±0.30	X.X : ±1°	CHKD	james
X.XX : ±0.20		APVD	boye
		SCALE 1:1 UNIT: mm	
		SIZE: A3 SHEET: 1 OF 1 REV:A	
<b>CUSTOMER COPY</b>			

