



NOTES:

1. MATERIAL:

- 1.1 HOUSING: HTN UL 94V-0, COLOR: BLACK.
- 1.2 INNER INSULATOR: LCP UL 94V-0, COLOR: BLACK.
- 1.3 CONTACT: C2680 (T=0.20mm)
- 1.4 SHELL: SUS201 (T=0.30mm)
- 1.5 MIDDLE SHELL: SUS201 (T=0.20mm)

2. FINISH:

- 2.1 CONTACT: Au(15u") PLATED ON CONTACT AREA, MATTE TIN(100u" MIN.) PLATED ON SOLDER TALLS, NI(50u" MIN.) NICKEL UNDERPLATING OVER ALL.
- 2.2 SHELL: NI(80U" MIN.) PLATING OVERALL

3. ELECTRICAL :

- 3.1 CONTACT RESISTANCE : 30 mΩ(MAX) INITIAL FOR VBUS AND GND CONTACTS 50 mΩ(MAX) INITIAL FOR OTHER CONTACTS
- 3.2 CURRENT RATING: VBUS & GND pins: 1.8Amps MAX PER PIN; OTHER PINS: 0.25A/PIN;
- 3.3 DIELECTRIC WITHSTANDING VOLTAGE : 100V AC FOR 1 MINUTE.
- 3.4 INSULATION RESISTANCE : 100 MΩ MIN

4. MECHANICAL CHARACTERISTICS:

- 4.1. INSERTION FORCE : 35 N MAX
- 4.2. WITHDRAWAL FORCE : 10N~ 35N
- 4.3. MECHANICAL LIFE: 5000 TIMES

5. SALT SPRAY 48HR PASS

6. REFLOW SOLDEING(SMD COMPONENT) OVEN TEMPERATURE: 260°C5sec

PART NO.

10 2 - 1 1 A - 5 49 - H
 10 : USB 2.0 FEMALE
 2 : FOR TWO LAYERS

- 1 : FOR 90° DIP
- 1 : SHELL FOR SUS201
- A : COLOR FOR BLACK
- 5 : PLATING FOR 15u"
- 49 : SERIES NO.

H : FOR LEAD/HALOGEN FREE

Pin NUMBER	SIGNAL NAME
1	5 VBUS
2	6 D-
3	7 D+
4	8 GND
Shell	Shield

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 VITETECH CO., LTD

REV.	ECN. NO.	APP.	DATE
A	Official Publish	OW	MAY/25/11
B	Official Publish	Sonia	JUL/17/19

RoHS COMPLIANT			
DIMENSION CLASSIFICATION			
◎:CRITICAL ⊕:MAJOR ():REFERENCE			
REVISED	A	DATE	APPROVE
DRAW	CHK'D	DATE	APPROVE
OW	JACK	MAY/25/11	ALAN

PRODUCT CUSTOMER COPY	
SCALE	SHEET
1:1	
GENERAL TOLERANCE	
X. ±0.50	.X ±0.40
.XX ±0.35	
.XXX ±0.05	
X.'	.X'

PART NO:	102-11A-549-H
DWG NAME:	DOUBLE USB 2.0 H=15.49mm