



USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

A1	GND	B12	GND
A2	SSTXP1	B11	SSRXP1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXP2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

SPECIFICATIONS:

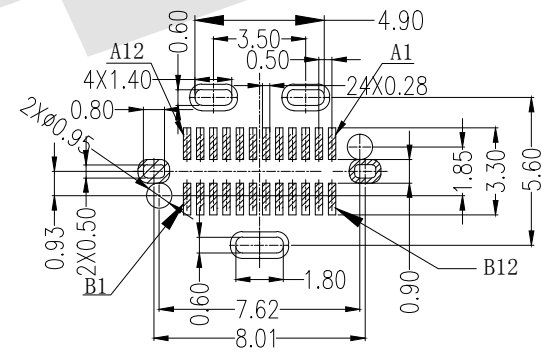
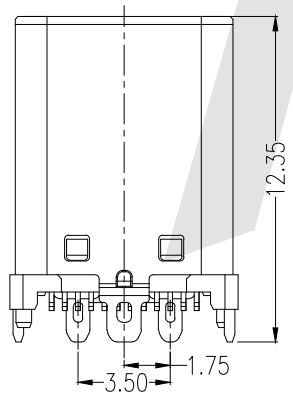
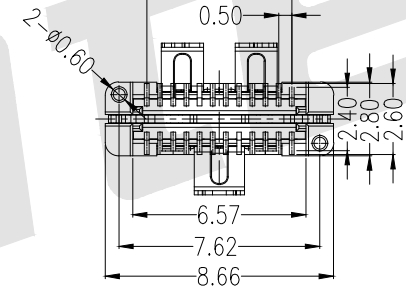
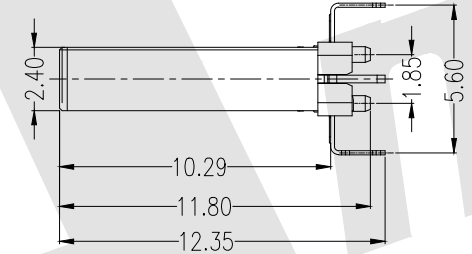
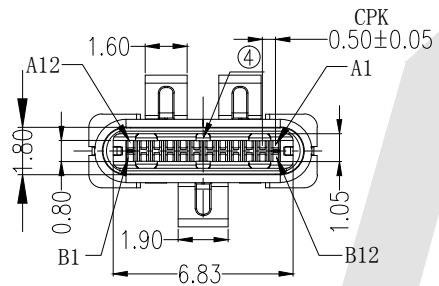
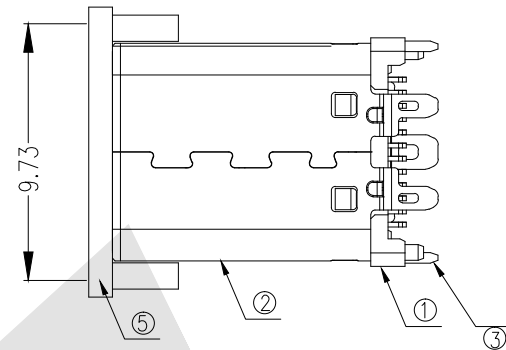
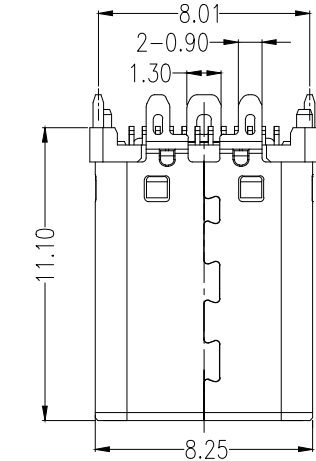
- Material:
Molding:LCP UL94V-0
Contact:Copper alloy
Gold plated min on contact area,100u" min tin(lead free) , on solder area
Shell:SUS304-H,T=0.30±0.03mm 50u" nickel plating over all
Shield:SUS304-H,T=0.12±0.03mm
- Mechanical:
Insertion:5-20N
Extraction:8-20N after test
Durability:10000 cycles
- Electrical:
Current Rating:5A for VBUS
1.25A for GND pin
0.25A for other
Voltage:20V max
Withstanding Voltage: 100V AC r.m.s
Contact Resistance: 40mΩ Max
Insulation resistance:100MΩ Min
- Environmental:
Temperature range:-30℃~+85℃

Ordering Code:

U3. IMS04 - S - L - X - X - X

① ② ③ ④ ⑤ ⑥

- | | |
|-----------------------|-------------------|
| ① Series No: | ⑤ Contact Plating |
| ② Shell Material: | G0: Gold flash |
| S:stainless steel | G1: 3u" Gold |
| ③ Insulator Material: | G2: 5u" Gold |
| L:LCP | G3: 10u" Gold |
| ④ Contact Material: | G4: 15u" Gold |
| B:Brass | G5: 30u" Gold |
| P:Phosphor Copper | ⑥ Packing |
| C:Copper Alloy | A:Tray |
| | B:Bag |
| | C:Tube |
| | D:Tape&Reel |



RECOMMENDED PCB LAYOUT (t=0.80±0.05)
COMPONENT SIDE (GENERAL TOLERANCE: ±0.05)

Unless Otherwise specified tolerance
X. XX: ±0.20
X. X: ±0.25 X. XXX: ±0.15

SCALE: As Shown UNIT: mm
DRAW Wu Feng Rong DATE 10/01/2020
CHECK BobYang DATE 01/13/2019



Antenk ANTENK ELECTRONICS CO., LTD
Http://www.antenk.com
E-mail:sales@antenk.com

TITLE: USB3.1 Plug Type C Vertical Dip
DRAWING NO: U3. IMS04-SLXXX
PRODUCT NO: U3. IMS04-SLXXX

Update DRAWING

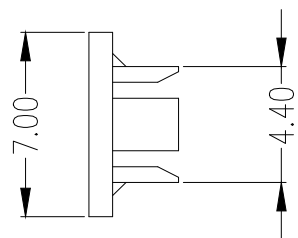
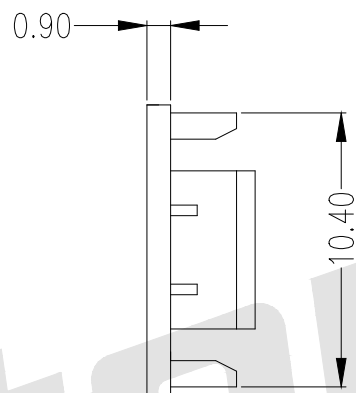
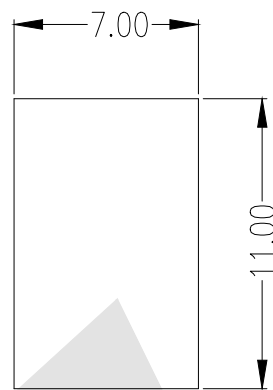
02/19/2021

DESCRIPTION

DATE

REV

HSF



Antenk

Unless otherwise specified tolerance
 X. ±0.35 X.XX: ±0.20
 X.X: ±0.25 X.XXX: ±0.15

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SCALE: As Shown	UNIT: mm
DRAW Wu Feng Rong	DATE 10/01/2020
CHECK BobYang	DATE 01/13/2019

TITLE:
USB3.1 Plug Type C Vertical Dip CAP

DRAWING NO: U3.1MS04-SLXXX
 PRODUCT NO: U3.1MS04-SLXXX

⚠ Update DRAWING
 DESCRIPTION

02/19/2021
 DATE

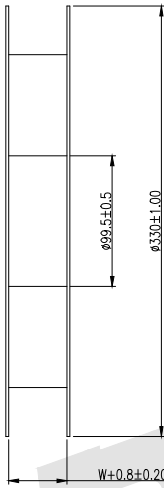
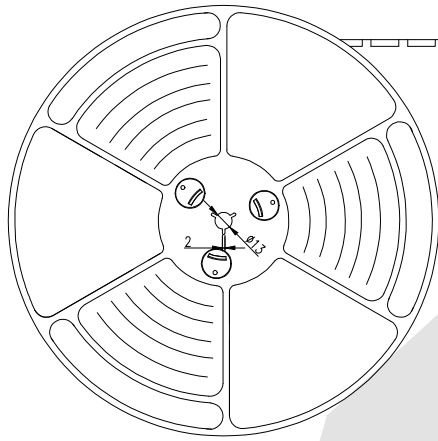


REV					

HSF

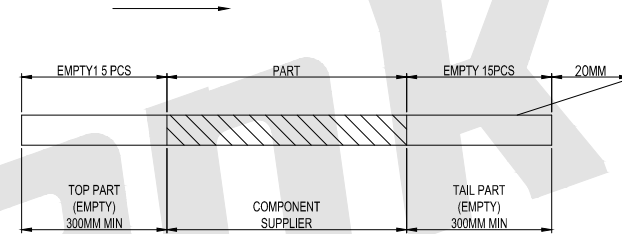


出料方向
PULL OUT DIRECTEON

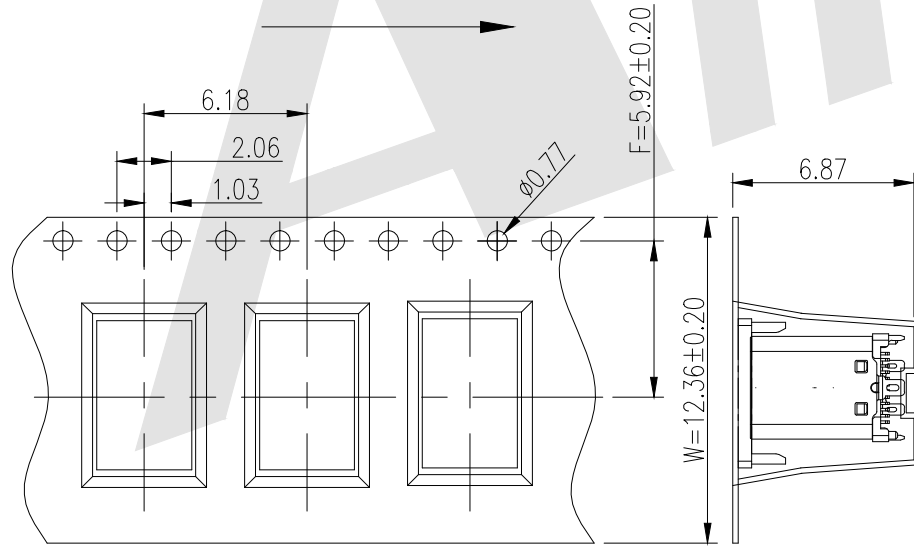
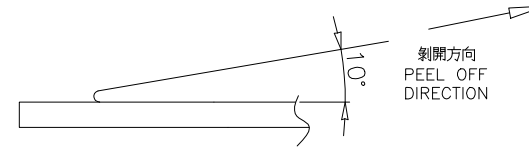


NOTES

1. 帶子引導長度
LEAD TAPE LENGTH
出料方向
PULL OUT DIRECTEON



2. 上帶 剝力力為: 0.1~1.3N(10.2gf~130gf)
PEELING OFF FORCE OF TOP TAPE: 0.1~1.3N(10.2gf~130gf)
出貨'運輸過程中一定注意:
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT;
卷帶在運輸過程中不能散開
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION



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SCALE: As Shown UNIT: mm
DRAW Wu Feng Rong DATE 10/01/2020
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TITLE: USB3.1 Plug Type C Vertical Dip Package

DRAWING NO: U3.1MS04-SLXXX

PRODUCT NO: U3.1MS04-SLXXX

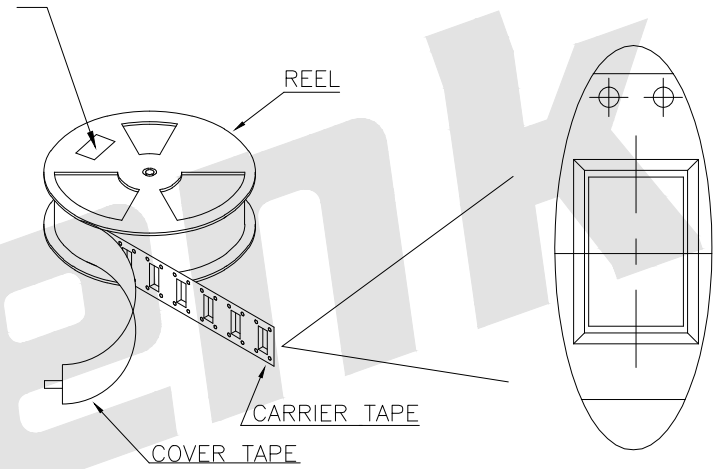
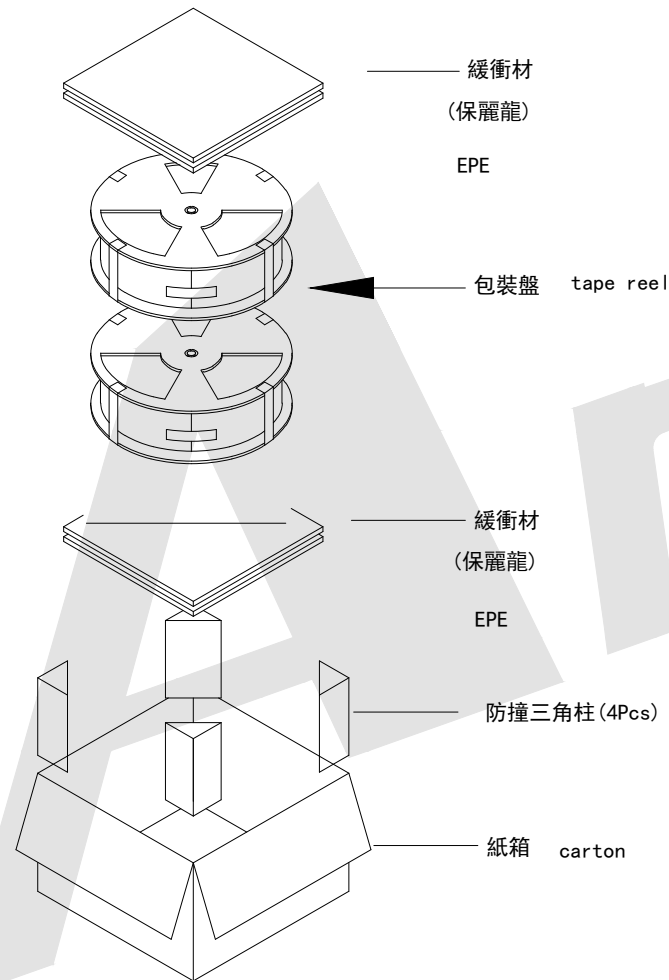
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DATE



REV

at small positioning hole of the carrier tape side).
 標籤黏貼處 (朝捲裝包材的小定位孔一側)
 Location of label sticking (label)



NOTE:

1. 每捲包裝數量及每箱裝箱數量如左下表格。
Packing q'ty of each reel & carton as below table shown.
2. 以上膠帶覆蓋下包裝帶經包裝機熱熔包裝
Use cover tape to cover and hot melt machine to seal up.
3. 每個紙箱放2個珍珠棉
Every carton use 2pcs EPE.
4. 將裝滿產品的卷盤放入紙箱并以膠帶封口
Put reels in the carton and use adhesive tape to seal up.

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