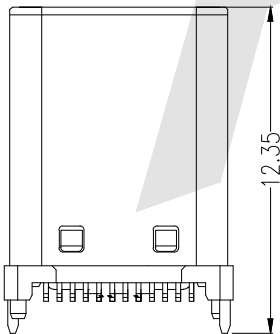


RECOMMENDED PCB LAYOUT($t=0.80\pm0.05$)
COMPONENT SIDE(GENERAL TOLERANCE: ±0.05)



SPECIFICATIONS:

1. 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
2. Mechanical:
Insertion:5-20N
Extraction:8-20N after test
Durability:10000 cycles
3. 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
4. Environmental:
Temperature range:-30℃~+85℃

Ordering Code:

U3.1MS05 - S - L - X - X - X
① ② ③ ④ ⑤ ⑥

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

Unless Otherwise specified tolerance

X. ±0.35 X.XX: ±0.20
X.X: ±0.25 X.XXX: ±0.15

SCALE: As Shown UNIT: mm

DRAW TMX DATE 11/25/2021

CHECK BobYang DATE 11/25/2021

3rd ANGLE PROJECTION

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

TITLE:
USB3.1 Plug Type C Vertical Dip without pegs

DRAWING NO: U3.1MS05-SLXXX

PRODUCT NO: U3.1MS05-SLXXX

REV DESCRIPTION

DATE

1 2 3 4 5 6 7 8