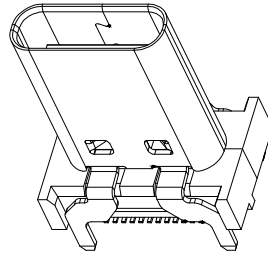
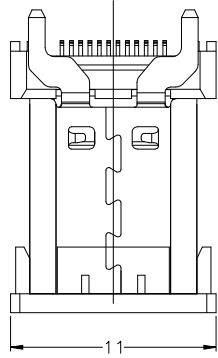


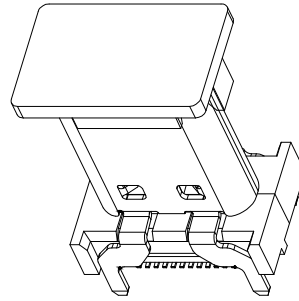
HSF



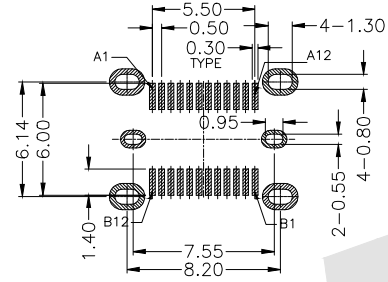
ROHS



WITHOUT COVER



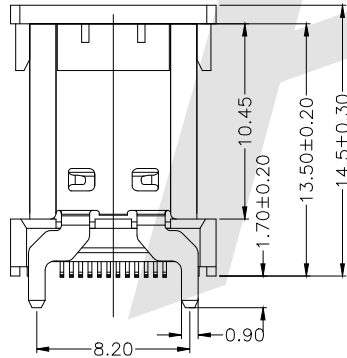
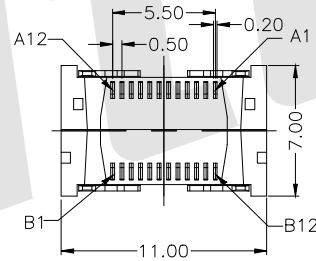
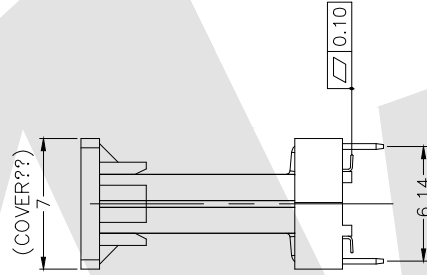
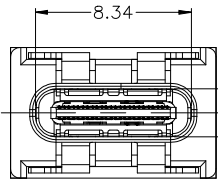
WITH COVER



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05

KEEP OUT AREA



	A	B
1	GND	12 GND
2	SSTXp1	11 SSRXp1
3	SSTXn1	10 SSRXn1
4	VBUS	9 VBUS
5	CC1	8 SUB2
6	Dp1	7 Dn2
7	Dn1	6 Dp2
8	SUB1	5 CC2
9	VBUS	4 VBUS
10	SSRXn2	3 SSTXn2
11	SSRXp2	2 SSTXp2
12	GND	1 GND

NO.	Name	MATERIAL	QTY'S
⑧	Dip housing	THERMOPLASTIC UL94V-0	1
⑦	SMT housing	THERMOPLASTIC UL94V-0	1
⑥	Latch housing	THERMOPLASTIC UL94V-0	1
⑤	Dip conector	COPPER ALLOY	12
④	SMT conector	COPPER ALLOY	12
③	EMI	SUS	2
②	Latch	SUS	1
①	Shell	SUS	1

SPECIFICATIONS:

1. MECHANICAL:

- 1.1 Insertion force:5N-20N
- 1.2 Withdrawal force:8N-20N
- After 10.00 cycles mating:2N min.

2. Electrical:

- 2.1 Contact current rating:3A
- 2.2 Voltage rating:30V AC(rms)
- 2.3 Withstanding voltage: 100 VAC for 1 minute
- Insulation resistance:100 megaohms min
- 2.4 Contact resistance:40 milliohms max

3. Environmental:

- 3.1 Operating temperature:-25°C TO +85°C

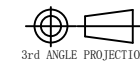
U3. 1FM05 - S - L - X - X - X

① ② ③ ④ ⑤ ⑥

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

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

SCALE: As Shown UNIT: mm
DRAW Lv Xun Hua DATE 08/07/2019
CHECK BobYang DATE 08/07/2019



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

TITLE:
USB TYPE C, R/A, VERTICAL
Height13.5MM double SMT version

DRAWING NO: U3.1FM05-SLXXX

PRODUCT NO: U3.1FM05-SLXXX

REV DESCRIPTION DATE

1 2 3 4 5 6 7 8