

HSF



ROHS

SPECIFICATIONS:

1. MATERIAL

INSULATOR: THERMOPLASTIC, Black

CONTACT: BRASS

SHELL: STAINLESS STEEL

2. CONTACT PLATING

UNDERPLATE: 40U"-80U" Nickel

CONTACT AREA: 30U" Pd-Ni+2U", Selective Gold,

SOLDER TAIS AREA: 100U"-200u" Tin (Lead Free)

3. ELECTRICAL:

CURRENT RATING: 5A MAX

OPERATION VOLTAGE: 20V

WITHSTANDING VOLTAGE: 100V AC/MIN

INSULATION RESISTANCE: 100MΩ MIN@100VDC

4. ENVIRONMENTAL

TEMPERATURE RANGE -40° C~+105° C

MATING CYCLES: 10000 INSERTION

Ordering Code:

U3.1FM09 - S - L - X - X - X - X
① ② ③ ④ ⑤ ⑥ ⑦

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

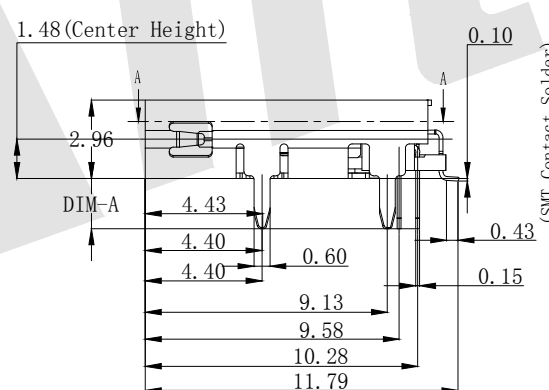
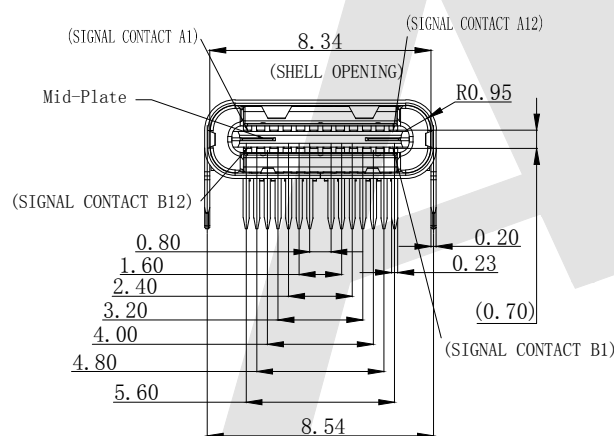
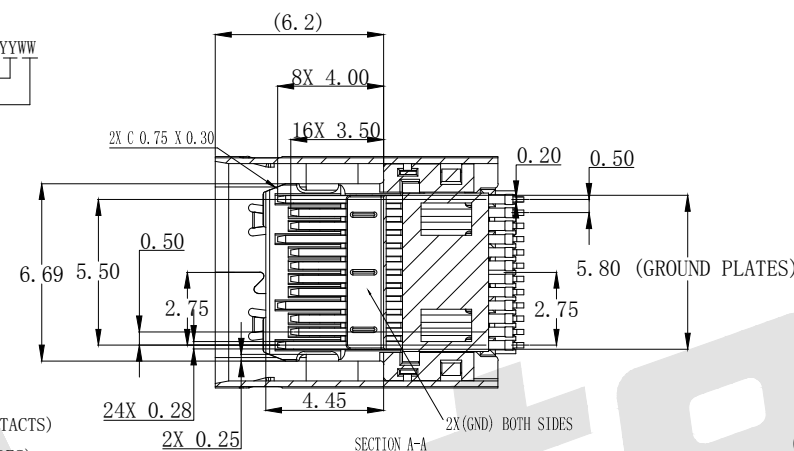
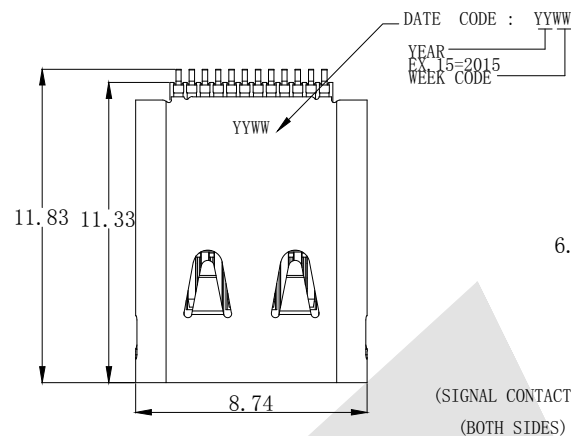
B: Bag

C: Tube

D: Tape & Reel

⑥ PCB Dip Length

A: 1.5mm B: 1.9mm



	PCB 1.0mm	PCB 1.6mm
DIM-A	1.50mm	1.90mm

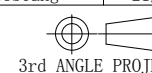
Unless Otherwise specified tolerance

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

SCALE: As Shown UNIT: mm

DRAW Wu Feng Rong DATE 21/07/2020

CHECK BobYang DATE 21/07/2020



3rd ANGLE PROJECTION



ANTENK ELECTRONICS CO., LTD

Http://www.antenk.com

E-mail:sales@antenk.com

TITLE:

USB 3.1 C TYPE Receptacle W/O Rear Cover Type
Insertion Distance 6.20MM 24P FEMALE

DRAWING NO: U3.1FM09-SLXXXX

PRODUCT NO: U3.1FM09-SLXXXX

△ Update PART NO.U3.1FM09-SLXXX TO U3.1FM09-SLXXXX

02/19/2021

DESCRIPTION

DATE

REV

1

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4

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6

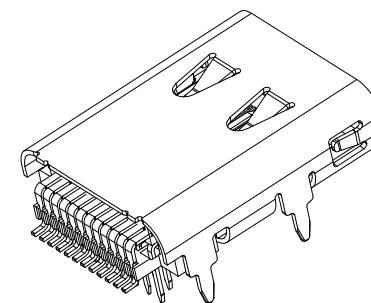
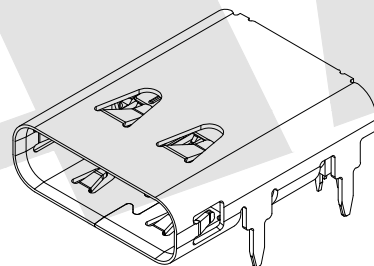
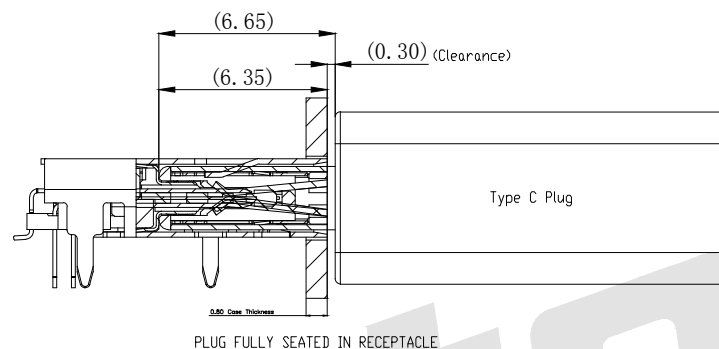
7

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HSF



ROHS



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X. X: ± 0.25	X. XXX: ± 0.15
SCALE: As Shown	UNIT: mm
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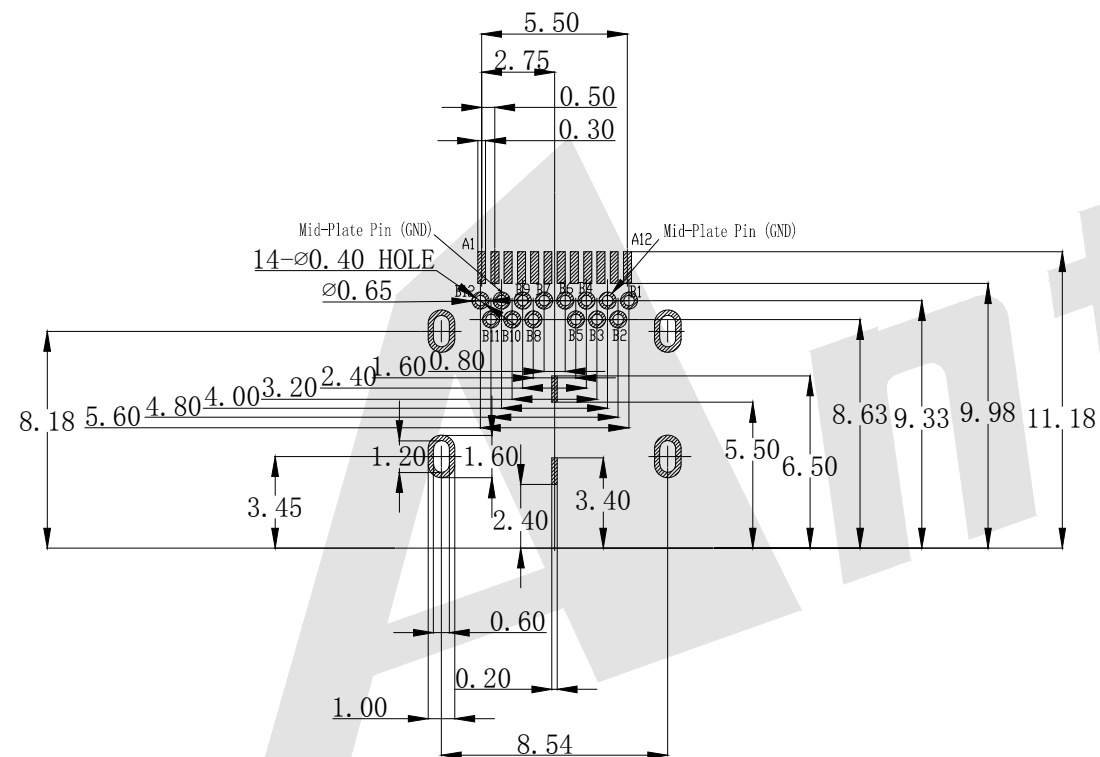
DESCRIPTION

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Recomanded PCB LAYOUT

TOLANCE ± 0.05

PCB Tinkness = 1.0 For 1.50 Solder Tail

1.6 For 1.90 Solder Tail

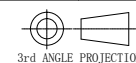
USB TYPE -C Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
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

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SCALE:
As Shown
DRAW
Wu Feng Rong
CHECK
BobYang

UNIT:
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DATE
21/07/2020
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NOTES

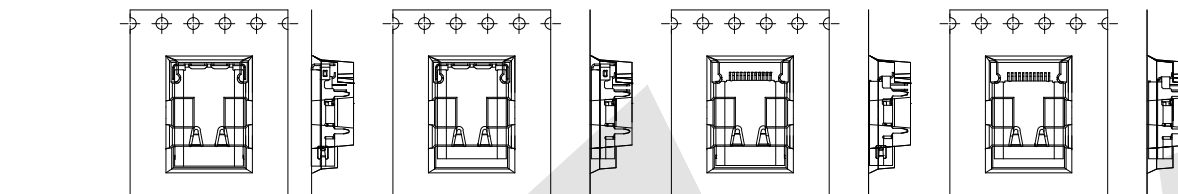
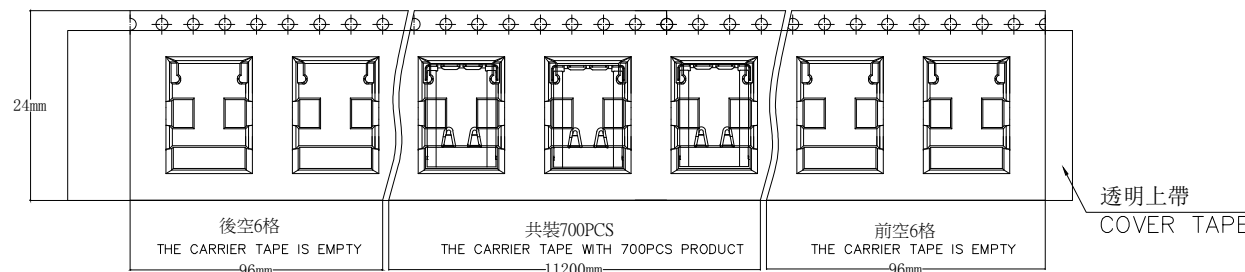
1. MATERIALS: PS
2. PACKING:TAPE REEL (700PCS/REEL, 6300PCS/CARTON)
3. SONY SS-00259 or RoHS

All Material in According With The RoHS Environment

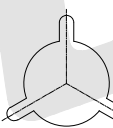
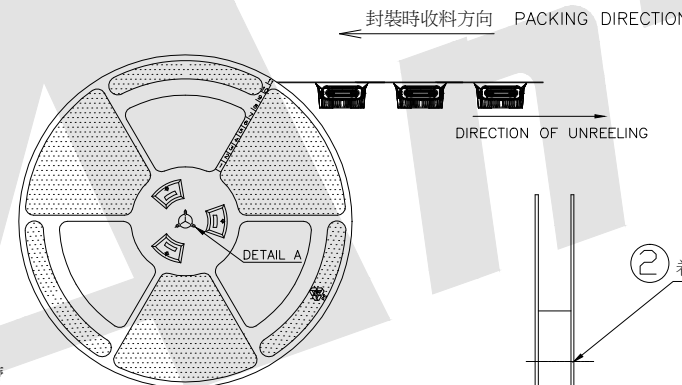
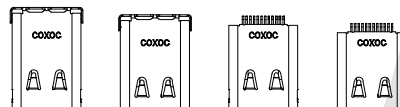
Related Substances List Controlled.

(包裝：紙箱，膠帶，油墨，REEL，填充物等不含禁用物質)

1. 外箱底部先墊一片紙板。
Fill in a corrugated paper board
2. 外箱四個內角加入三角板支撐
Put 4 triangle cylinder cardboard in all corner.
3. 把5卷封好的產品平放進防水袋，並放入四包干燥劑，再一起平放進外箱。
Put 5 reels of products into water proof bag, with 4pcs of drying agent.
4. 注意REEL之標籤一律朝上
Make all reel label side up.
5. 接上一工站，上層放一片紙板
Cover with corrugated paper board.
6. 標籤貼於紙箱外側右上方
As the indication sticking the label at the certain place of carton.

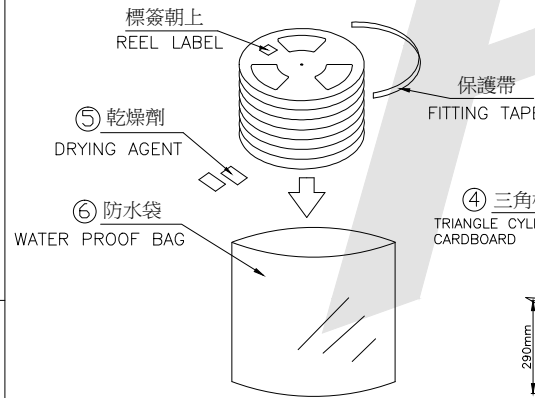


① 產品類型(Conn. TYPE)

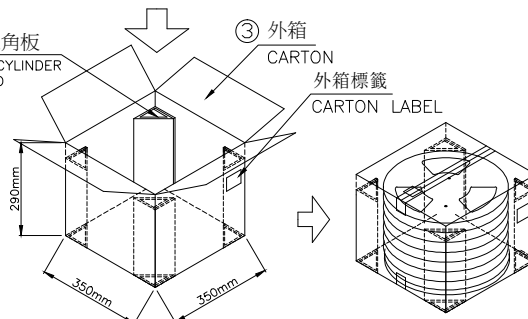


DETAIL A

② 卷軸 REEL



④ 三角板 TRIANGLE CYLINDER CARDBOARD



1箱疊 9盤
1箱裝 6300PCS

9 REEL/CARTON
6300 PCS/CARTON

8	TRIANGLE CYLINDER CARDBOARD	M9DE305227000300		4pcs
7	Paperboard	M9EE330330000300	330*330*3	2pcs
6	CARTON	M9CE350350290500	350*350*290	1pcs
5	Waterproof Bag	M9BE60060000509	600*600*0.05	1pcs
4	Drier	M90000EZ0000029		4pcs
3	REEL	M90000E30102F22	24*13.0	1pcs
2	COVER TAPE	M90000E30102H49	21.5*15	700pcs/11.492m
1	CARRIER TAPE	M9317JE3F3A1E23	13~X24mm	700pcs/11.392m
ITEMS	Part Name	Part NO.	Specification	Q'ty

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X. X: ± 0.25 X. XXX: ± 0.15

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TITLE:
USB 3.1 C TYPE Receptacle Package

DRAWING NO:	U3.1FM09-SLXXXX
PRODUCT NO:	U3.1FM09-SLXXXX



Add Package Drawing

02/18/2021

REV	DESCRIPTION	DATE
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