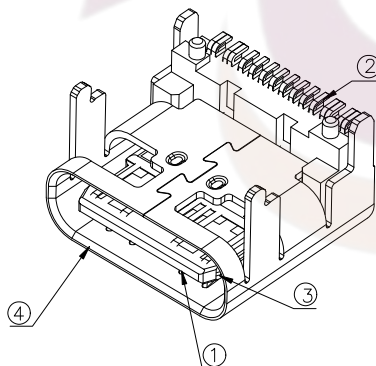
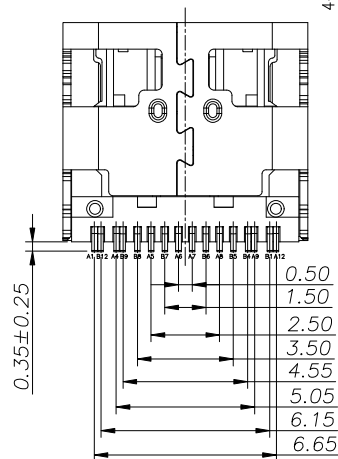
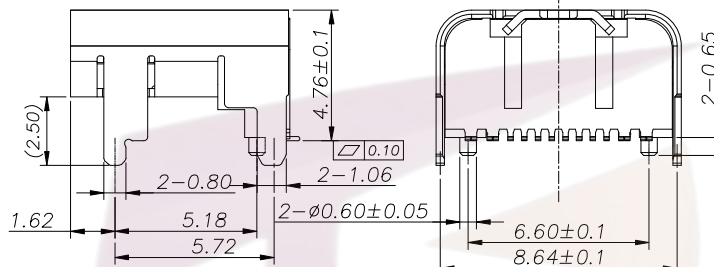
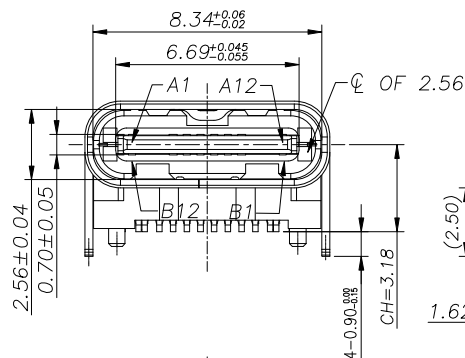
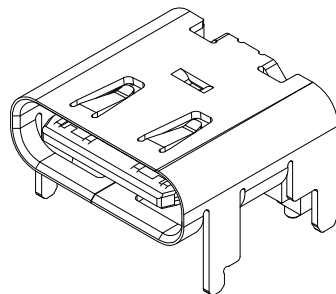
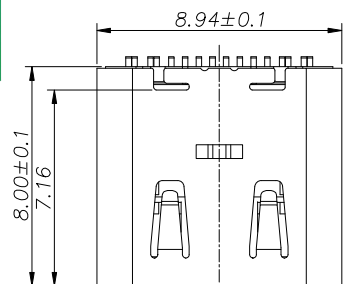


RoHS
Compliant



NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.CONTACTS: COPPER ALLOY
- 3.MID PLATE: STAINLESS STEEL
- 4.SHELL: STAINLESS STEEL

2.PLATING SPECIFICATION:

2-1.CONTACTS:

- Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
GOLD FLASH PLATING ON SOLDER AREA

2-2 SHELL OR OUTSIDE SHELL:

- Ni 30u" MIN. UNDER PLATED OVER ALL.

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

- 4-1. CURRENT RATING: 5A
VOLTAGE RATING: 20V
- 4-2.INSULATION RESISTANCE: 100MΩ MIN
- 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- 4-4.LOW CONTACT RESISTANCE: INITIAL 40mΩ
AFTER 50mΩ

5. ENVIRONMENTAL PERFORMANCE:

- OPERATING TEMPERATURE: -30℃~+80℃.

6.IR REFLOW:

- THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260℃.

4	SHELL	SUS304 T=0.30MM	Ni 30u"MIN	1PCS
3	SHIELDING PLATE	SUS301 T=0.15MM	N/A	1PCS
2	CONTACT	C2680 T=0.15MM	Mating area 1u"Au Solder Tails: G/F Underplate: 50u"Min Ni overall	2SET
1	INSERT MOLDING	LCP UL94V-0	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	

Guangdong Tengjun Electronic Technology Co., Ltd

Website:

<https://www.tengjunconn.com>

TEL:

0769-23323869



PART NAME

USB TYPE C 16PIN
板上垫高1.60mm (CH=3.18)

PART NO.

TJD16-5161X-00BR

TOLERANCE UNLESS SPECIFIED:
OTHERWISE:
X ±0.2
X.X ±0.15
X.XX ±0.10
X.XXX ±0.050

DRAWING:

Li

DATE:

2019.11.12

SCALE

SHEET

REV A0

CHECK:

Chen

DATE:

2019.11.12

1:1

1/3

SIZE: A4

APPROVAL:

Yuan

DATE:

2019.11.12

☐

USB TYPE-C PIN ASSIGNMENTS

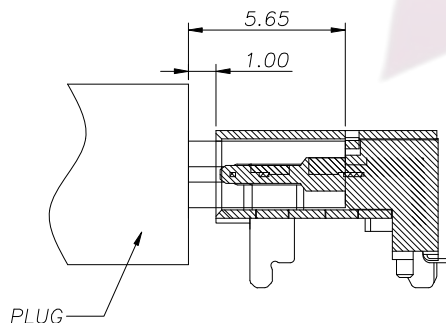
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

7.P/N: TJD16-5161X-00BR

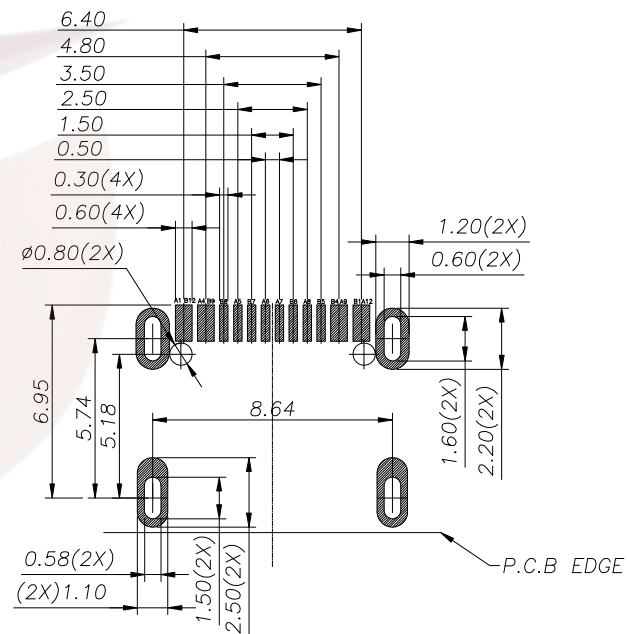
16:16 PIN

B:BLACK
R:GREEN

- 1: GOLD FLASH PLATING ON CONTACT AREA,
GOLD FLASH PLATING ON SOLDER AREA
- 3: 3u" GOLD PLATING ON CONTACT AREA,
GOLD FLASH PLATING ON SOLDER AREA
- 5: 3u" GOLD PLATING ON CONTACT AREA,
GOLD FLASH PLATING ON SOLDER AREA



AFTER MATING
SCALE 1:1



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

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SCALE

SHEET

REV A0

CHECK:

Chen

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2019.11.12

1:1

2/3

SIZE: A4

APPROVAL:

Yuan

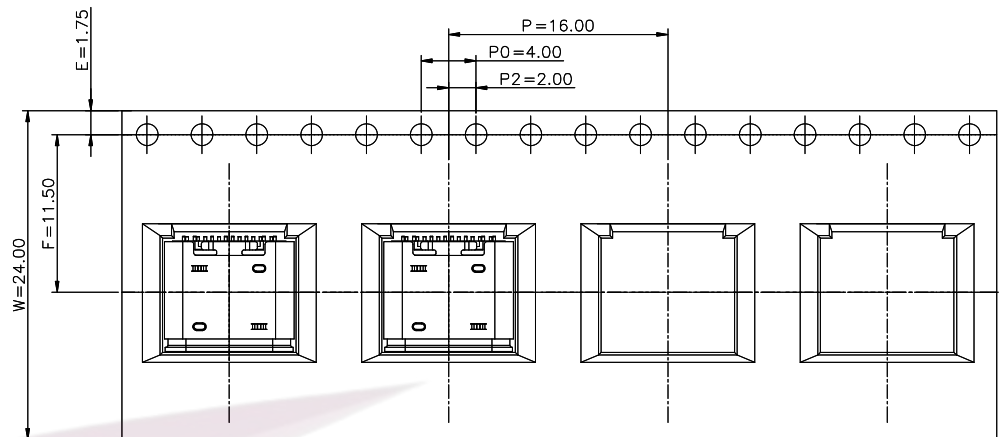
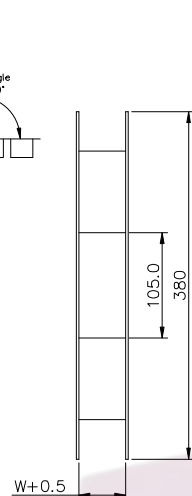
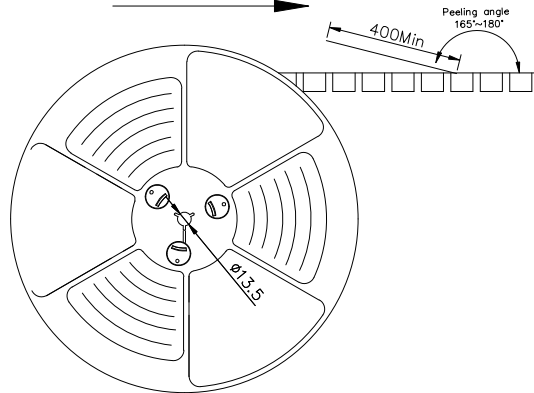
DATE:

2019.11.12



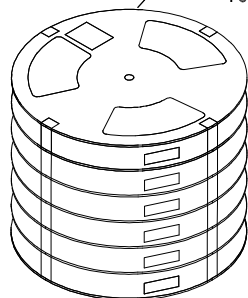
RoHS
Compliant

出料方向
PULL OUT DIRECTEON

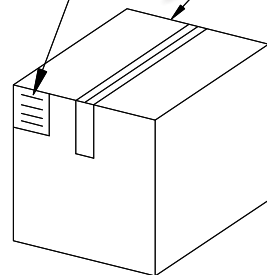


TAPE & REEL 6 PCS

1 REEL
= 1000 PCS



LABEL



BOX

DIMENSIONS:
39.5X39.5X20

1 CARTON

=6REELS
=6000 PCS

NOTES

1.帶子引導長度

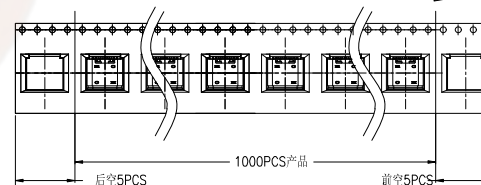
LEAD TAPE LENGTH

出料方向

PULL OUT DIRECTEON

出料方向

PULL OUT DIRECTEON



2.上帶 剝離力為: 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

包明表 (The detail of the packing) Carton

品料 (Product No.)	包 容 量 (Packing Capacity)			重 量 Weight (Kg)		
	pcs/box	boxs/Carton	Pcs/Box	N.W./Pcs	N.W./Box	G.W./Box
TJD16-5161X-00BR	1000	6	6000	----	----	----

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