

1. MATERIAL SPECIFICATION:
 1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
 2. CONTACTS: COPPER ALLOY
 3. MID PLATE: 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. FRONT 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°C~+80°C.
6. IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

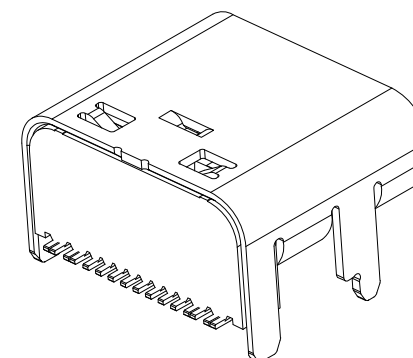
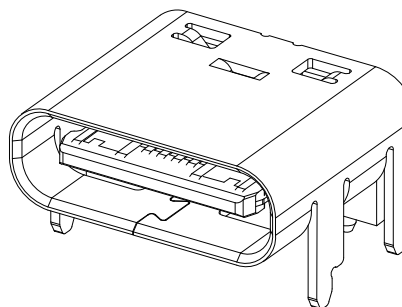
Guangdong Tengjun Electronic Technology Co., Ltd			Website:	https://www.tengjunconn.com				TEL:	0769-23323869		
	PART NAME	USB TYPE C 16PIN,L=7.35mm 加高1.0mm 板上型	TOLERANCE UNLESS OTHERWISE SPECIFIED: X ±0.2 X.X ±0.15 X.XX ±0.10 X.XXX ±0.050	DRAWING:	Li	DATE:	2019.11.12	SCALE	SHEET	REV A0	
	PART NO.	TJD16-5161X-20BR		CHECK:	Chen	DATE:	2019.11.12	1:1	1/3	SIZE: A4	
				APPROVAL:	Yuan	DATE:	2019.11.12				

7.P/N: TJD16-5161X-20BR

16:16 PIN

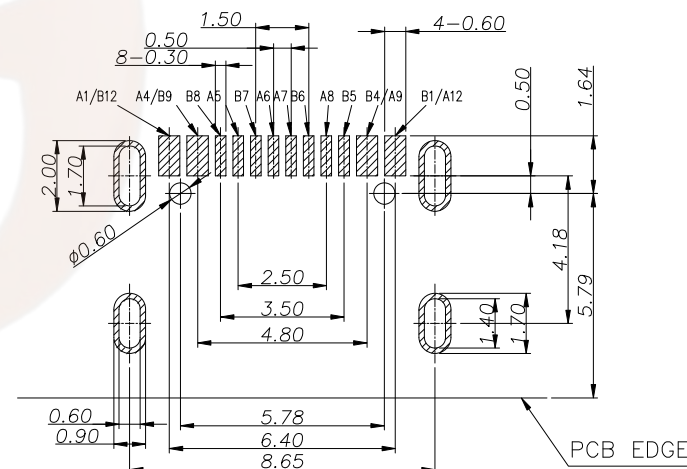
B:Black
N:NATURE

- 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



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



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

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板上型

PART NO.

TJD16-5161X-20BR

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X ± 0.2
X.X ± 0.15
X.XX ± 0.10
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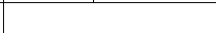
SIZE: A4

APPROVAL:

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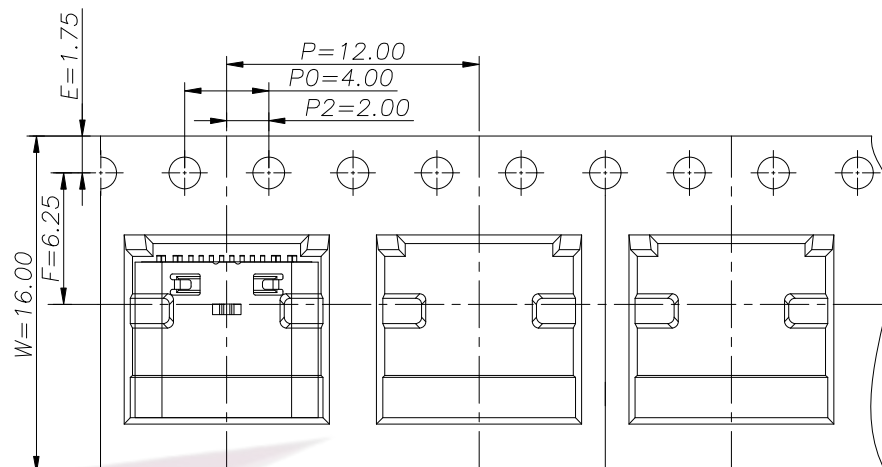
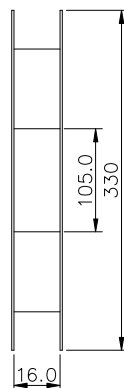
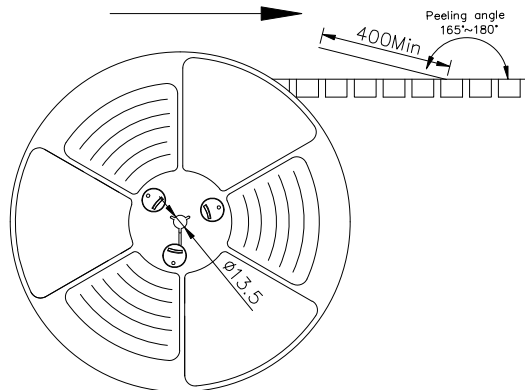
DATE:

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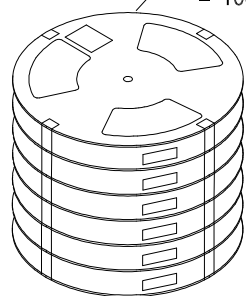
RoHS
Compliant

出料方向
PULL OUT DIRECTEON

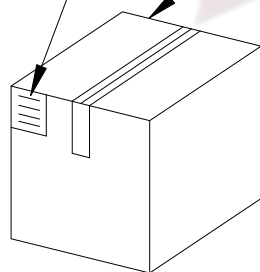


TAPE & REEL 14 PCS

1 REEL
= 1000 PCS



LABEL



BOX

DIMENSIONS:
33.5X33.5X30.5

1 CARTON
=14 REELS
=14000 PCS

NOTES

1. 帶子引導長度

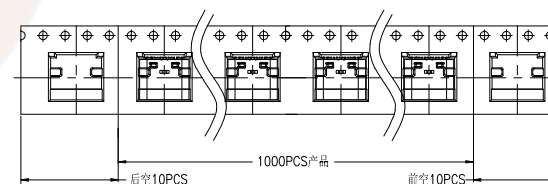
LEAD TAPE LENGTH

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

品名 (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-20BR	1000	14	14000	----	----	----

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PART NAME

USB TYPE C 16PIN, L=7.35mm 加高1.0mm
板上型

PART NO.

TJD16-5161X-20BR

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

DRAWING:

Li

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