



REV	ECN No.	DATE	REMARK
A	NEW	2021.01.02	NEW RELEASE

NOTE:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 1-2.TERMINAL: COPPER ALLOY
- 1-3.MID PLATE: STAINLESS STEEL(SUS301 T=0.15mm)
- 1-4.FRONT SHELL: STAINLESS STEEL(SUS304 T=0.3mm)
- 1-5.EMI PLATE: STAINLESS STEEL(SUS304 T=0.10mm)

2.PLATING SPECIFICATION:

2-1.TERMINAL:

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

(GOLD PLATING THICKNESS FOLLOW THE P/N)

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

2-2.FRONT SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE

CLEAR ONLY

2-4.EMI PLATE:

CLEAR ONLY

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. VOLTAGE RATING:5 V DC/AC (RMS. max)

CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;

1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.

4-2. LLCR:..

VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.

SHIELD: 50mΩ/MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mΩ.

4-3.INSULATION RESISTANCE: 100MΩ MIN

4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

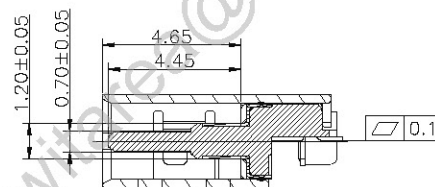
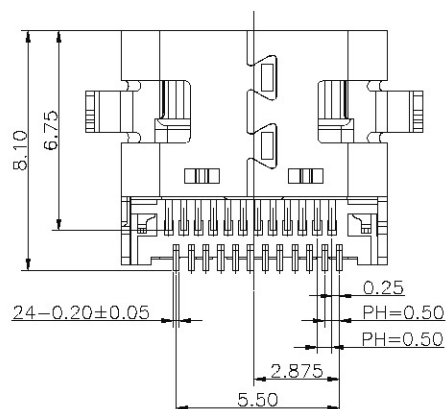
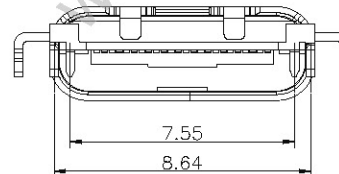
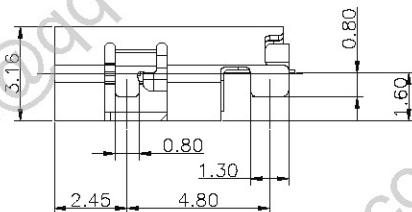
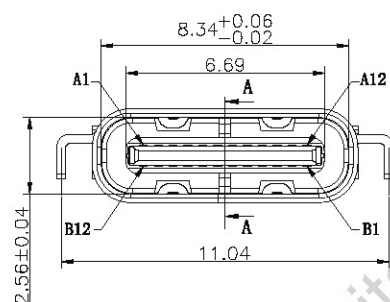
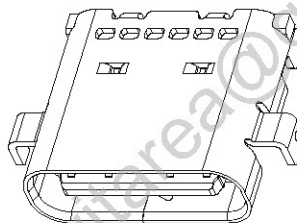
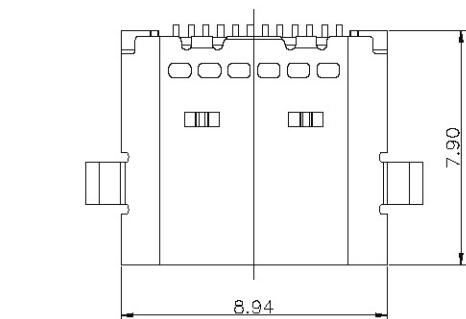
5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25°C~+85°C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260°C.

SECTION A-A
SCALE 1:1PART NO.:
SEE THE PART NUMBER CODE

QUALITY SYMBOL		GENERAL TOLERANCES (UNLESS SPECIFIED)	
0	▽=0	X.XXXXX	± ---
0	▽=0	X.XXX	± 0.10
0	▽=0	X.XX	± 0.25
0	▽=0	X.X	± 0.30
0	▽=0	ANGULAR	± --°

深圳市纬域科技有限公司
SHENZHEN WITAREA TECHNOLOGY CO.,LTDTITLE
TYPE C 3.1/3.2 24PIN RECEPTACLE,MID-MOUNT,
DUAL ROW SMT, CH=0.02MM, L=7.9MMDWG.NO.
W0026-24-MM1-S6DIMENSION STYLE
MM ONLYDESIGN UNITS
METRICSHEET NO.
1 OF 3SCALE
1:1DRAWN BY
ANDY YANGDATE
2021.01.02CHECKED BY
JAMES XIADDATE
2021.01.02APPROVED BY
JASON ZENGDATE
2021.01.02THIRD ANGLE
PROJECTION

10
RoHS
Compliant



9
THIS DRAWING CONTAINS INFORMATION THAT IS
PROPRIETARY TO WITAREA TECHNOLOGY, AND SHOULD
NOT BE USED WITHOUT WRITTEN PERMISSION

7

6

5

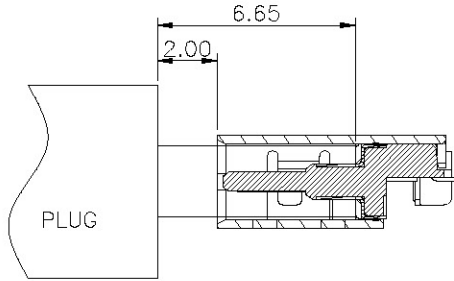
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REV
A

3
ECN No.
NEW

2
DATE
2021.01.02

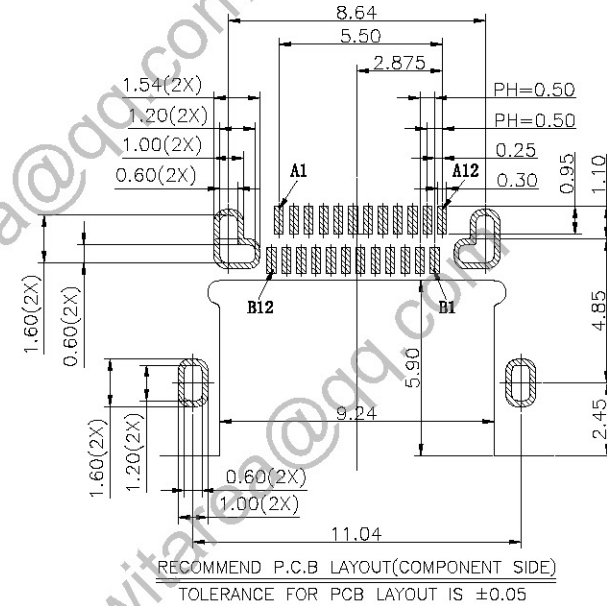
1
REMARK
NEW RELEASE



AFTER MATING

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



PART NO.:
SEE THE PART NUMBER CODE

QUALITY SYMBOL		GENERAL TOLERANCES (UNLESS SPECIFIED)	
0	▽=0	x.xxxx	± ---
0	▽=0	x.xxx	± 0.10
0	▽=0	x.xx	± 0.25
0	▽=0	x.x	± 0.30
0	▽=0	ANGULAR	± --°

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SHENZHEN WITAREA TECHNOLOGY CO., LTD

TITLE		DWG. NO.	
TYPE C 3.1/3.2 24PIN RECEPTACLE, MID-MOUNT, DUAL ROW SMT, CH=0.02MM, L=7.9MM		W0026-24-MM1-S6	
DIMENSION STYLE		DESIGN UNITS	
MM ONLY		METRIC	
SHEET NO.		SCALE	
2 OF 3		1:1	

DRAWN BY ANDY YANG	DATE 2021.01.02
CHECKED BY JAMES XIAO	DATE 2021.01.02
APPROVED BY JASON ZENG	DATE 2021.01.02
THIRD ANGLE PROJECTION	

frame size: A4

RoHS
Compliant



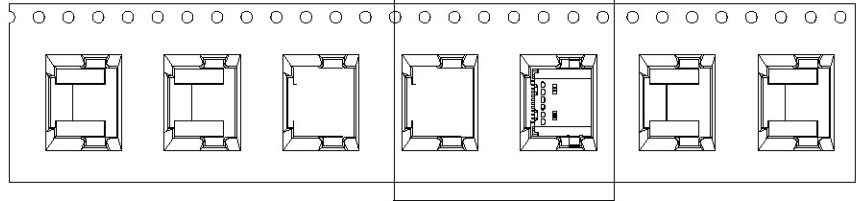
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REEL OFF SECTION
(16 POCKETS)

1000PCS

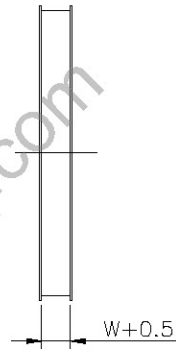
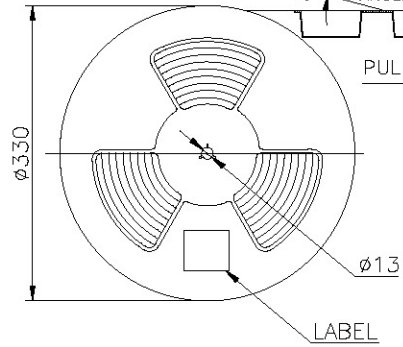
PULL OUT DIRECTION
(16 POCKETS)



SEE DETAIL X

PEELING DIRECTION
165°~180°
PEELING ANGLE

PULL OUT DIRECTION



PAPER BOARD

REEL AND TAPE

REEL AND TAPE

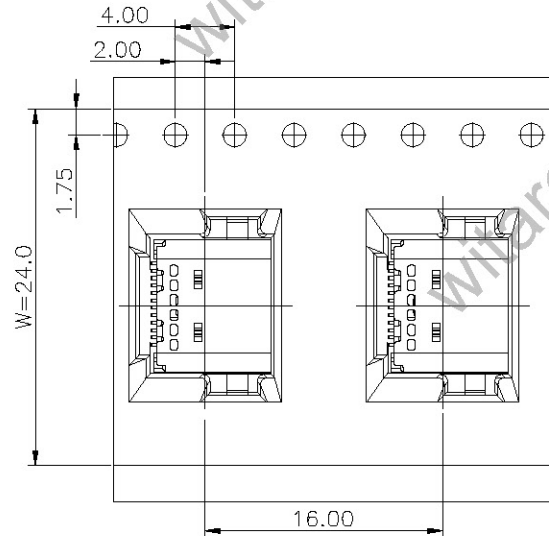
PAPER BOARD

FOLDER
PAPER BOARD

CARTON

REEL OFF
DIRECTION

PULL OUT
DIRECTION



PART NO.:
SEE THE PART NUMBER CODE

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
X:XXXX	± ---
X:XXX	± 0.10
X:XX	± 0.25
X:X	± 0.30
ANGULAR	± --°

深圳市纬域科技有限公司
SHENZHEN WITAREA TECHNOLOGY CO.,LTD

TITLE	TYPE C 3.1/3.2 24PIN RECEPTACLE MID-MOUNT,DUAL ROW SMT, CH=0.02MM, L=7.9MM
DWG.NO.	W0026-24-MM1-S6
DESIGN UNITS	METRIC
SCALE	1:1

DRAWN BY	ANDY YANG	DATE	2021.01.02
CHECKED BY	JAMES XIAO	DATE	2021.01.02
APPROVED BY	JASON ZENG	DATE	2021.01.02
THIRD ANGLE PROJECTION			

frame size: A4