

NOTE:

1. Electrical Characteristics:
 - 1-1: Current Rating: 5A For Pin(A4,A9,B4,B9)
1.25A For Pin(B5)
0.25A For Others Pin
 - 1-2: VOLTAGE RATING:5.0V
 - 1-3: Insulation Resistance: 100MΩ Min.
 - 1-4: Contact Resistance:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
SHIELD:LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 1-5: Dielectric Withstanding Voltage: 100V/AC 1Minute
2. Mechanical Characteristics:
 - Insertion Force: 5~20N
 - Extraction Force: Initial: 8~20N
 - After durability: 6~20N
 - Durability :10000 Cycles
3. Operating Temperature: -25°C TO +85°C

PART NO.:
SEE THE PART NUMBER CODE

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
$\nabla = 0$	$\pm$ ---
$\nabla = 0.1$	$\pm$ 0.10
$\nabla = 0.2$	$\pm$ 0.20
$\nabla = 0.3$	$\pm$ 0.30
ANGULAR	$\pm$ ---

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

TITLE	
TYPE C 2.0 16PIN RECEPTACLE , TOP-MOUNT, SINGLE ROW SMT WITH BRACKET CH=5.0MM L=8MM	

DWG.NO.	W0026-16-TM1-S13
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DIMENSION STYLE
MM ONLY

DESIGN UNITS
METRIC

SHEET NO.	1 OF 2
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DRAWN BY	DATE
ANDY YANG	2021.03.24

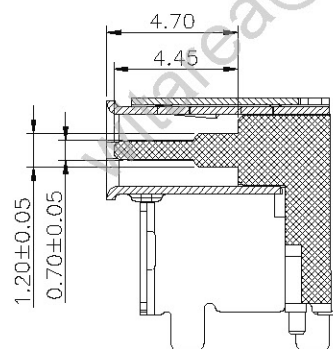
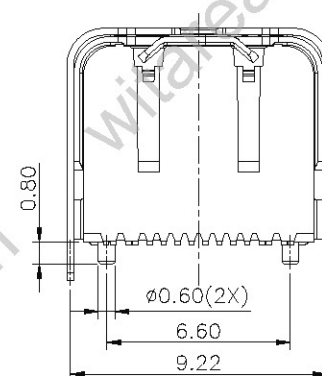
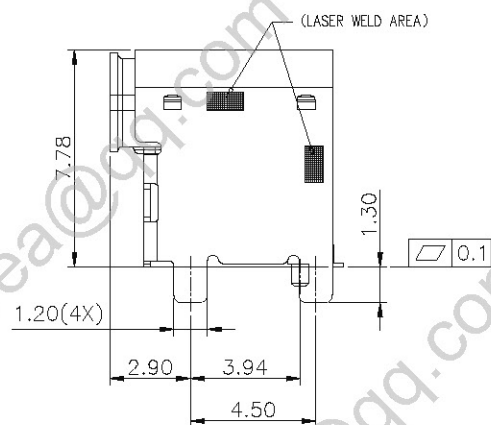
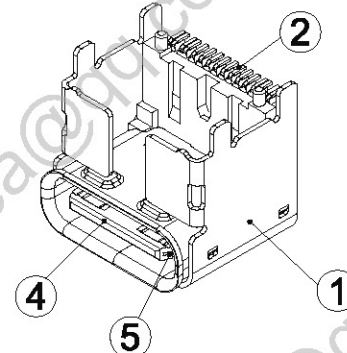
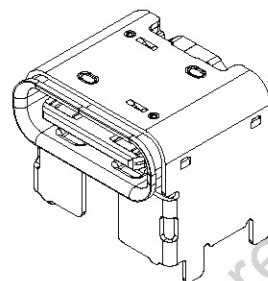
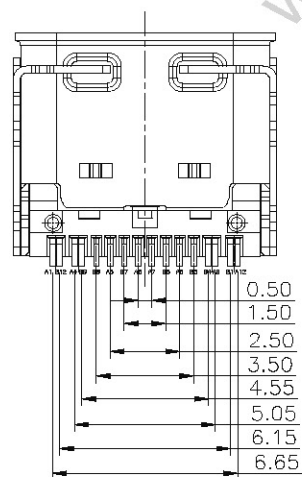
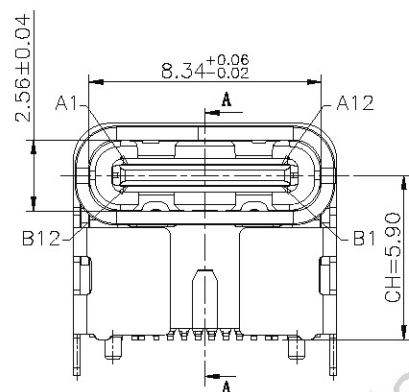
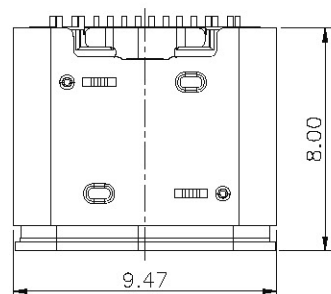
CHECKED BY	DATE
JAMES XIAD	2021.03.24

APPROVED BY	DATE
JASON ZENG	2021.03.24



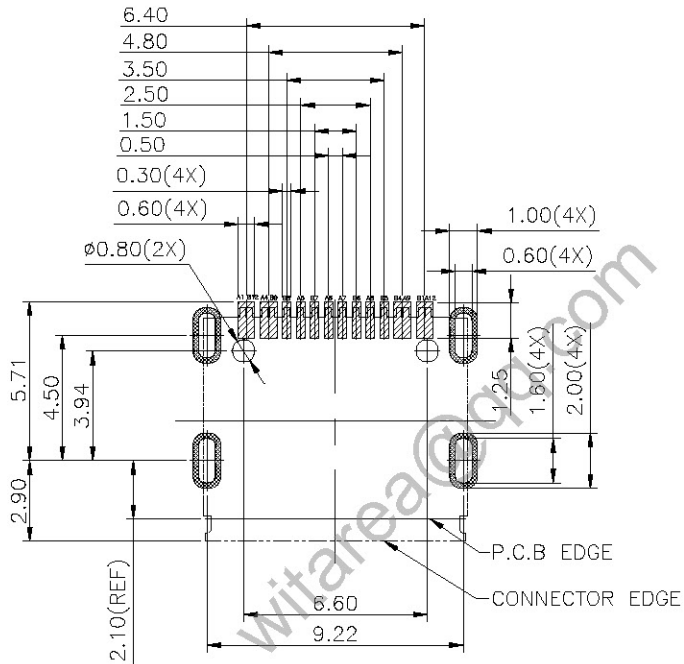
THIRD ANGLE
PROJECTION

frame size: A4

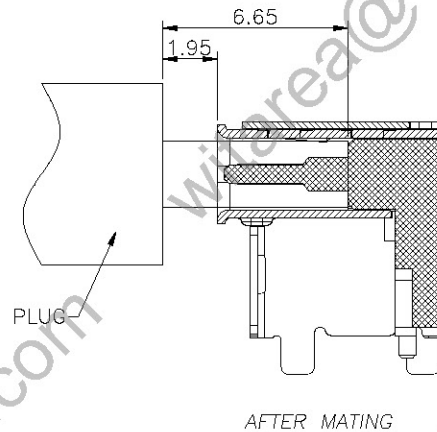


SECTION A-A

SCALE 1:1



RECOMMENDED PCB LAYOUT(TOP VIEW)



USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SUB2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

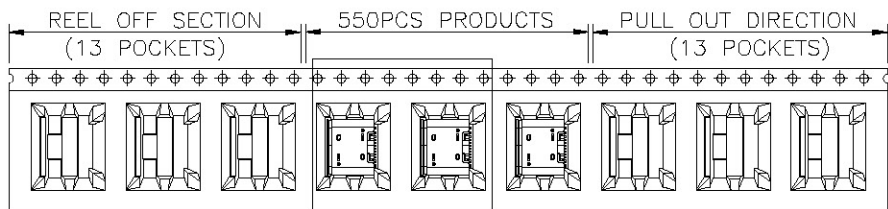
PART NO.:
SEE THE PART NUMBER CODE

QUALITY SYMBOL		GENERAL TOLERANCES (UNLESS SPECIFIED)	
0	▽= 0	X.XXXX	± ---
0	▽= 0	X.XXX	± 0.10
0	▽= 0	X.XX	± 0.20
0	▽= 0	X.X	± 0.30
0	▽= 0	ANGULAR	± --°

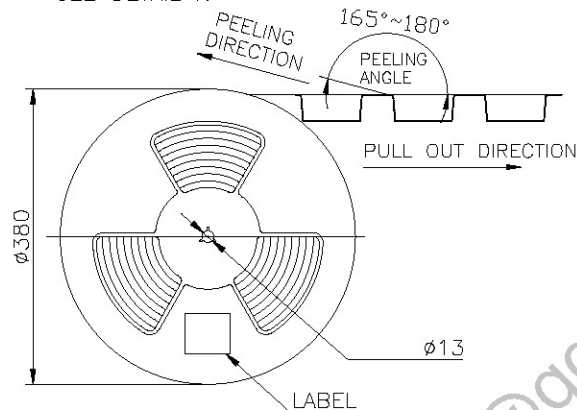
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DWG.NO. W0026-16-TM1-S13		SHEET NO. 2 OF 3	
DIMENSION STYLE MM ONLY		DESIGN UNITS METRIC	
SCALE 1:1		THIRD ANGLE PROJECTION	

DRAWN BY ANDY YANG	DATE 2021.03.24
CHECKED BY JAMES XIAO	DATE 2021.03.24
APPROVED BY JASON ZENG	DATE 2021.03.24

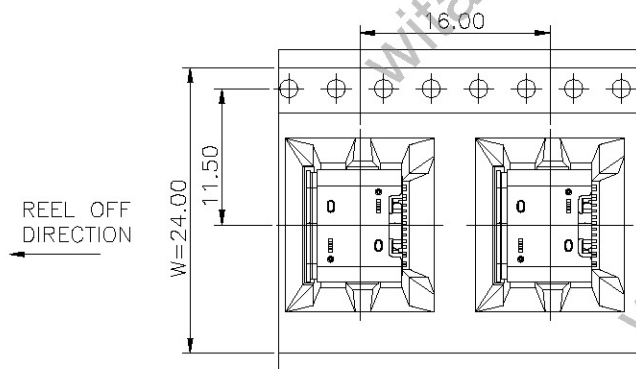
REV	ECN No.	DATE	REMARK
A	NEW	2021.03.24	NEW RELEASE



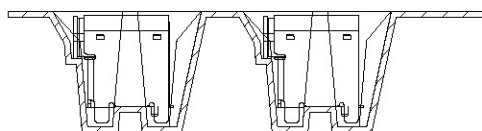
SEE DETAIL X



W+0.5



DETAIL X
SCALE 2:1



PAPER BOARD

REEL AND TAPE

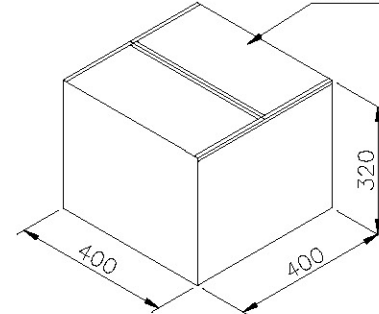
REEL AND TAPE

PAPER BOARD

FOLDER
PAPER BOARD

PE BAG

CARTON



	REEL	CARTON
CONNECTOR (PCS)	550	5500

PART NO.:
SEE THE PART NUMBER CODE

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

DRAWN BY
ANDY YANG

DATE
2021.03.24

CHECKED BY
JAMES XIAO

DATE
2021.03.24

APPROVED BY
JASON ZENG

DATE
2021.03.24

TITLE
TYPE C 2.0 16PIN RECEPTACLE , TOP-MOUNT,
SINGLE ROW SMT, WITH BRACKET, CH=5.9MM,L=8MM

DWG.NO.

W0026-16-TM1-S13

SHEET NO.
3 OF 3

DIMENSION STYLE
MM ONLY

DESIGN UNITS
METRIC

SCALE
1:1

THIRD ANGLE
PROJECTION

frame size: A4