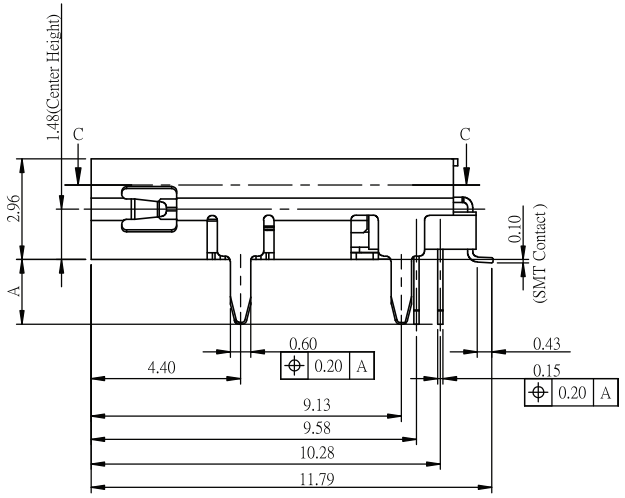
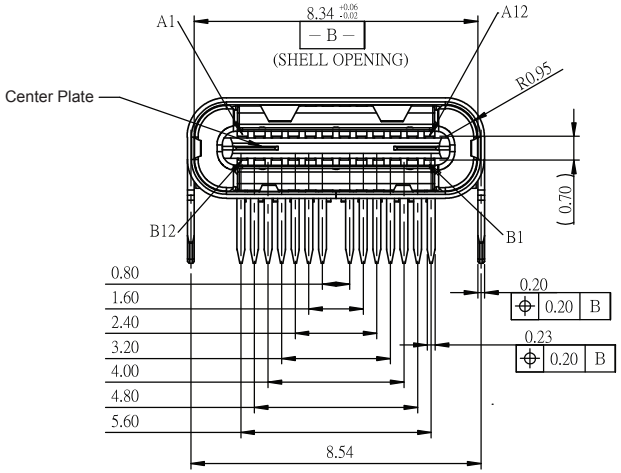
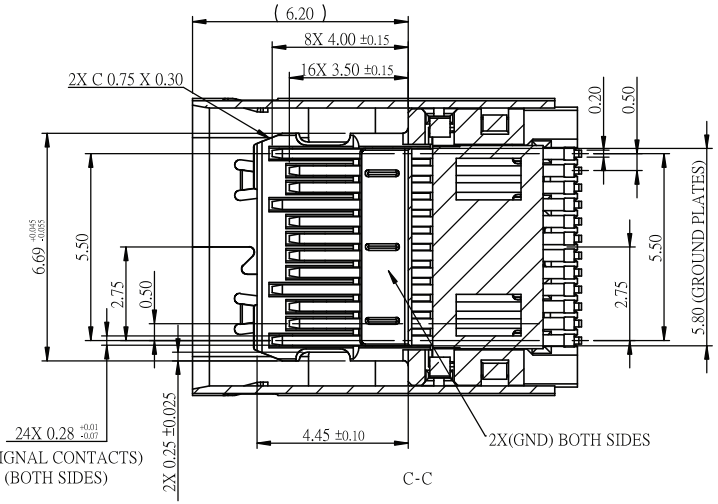
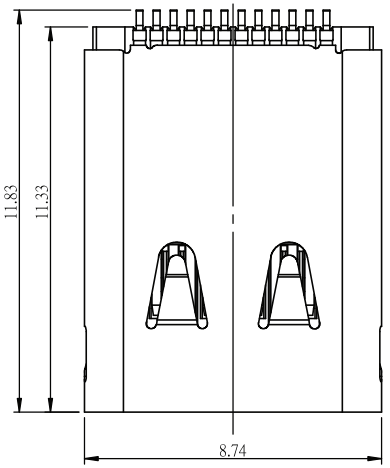








TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: LCP
FLAMMABILITY RATING: UL94-V0
COLOR: BLACK
CONTACT MATERIAL: BRASS
CONTACT PLATING: GOLD OVERPd-Ni
CONTACT AREA: 30µ'' Pd-Ni+2µ'' Gold
QUALITY CLASS: 10 000 MATING CYCLES

ENVIRONMENTAL
OPERATING TEMPERATURE: -25°C UP TO +105°C
COMPLIANCE: LEAD FREE & ROHS

ELECTRICAL
CURRENT RATING: 3A MAX
WORKING VOLTAGE: 5 VDC
WITHSTANDING VOLTAGE: 100 VAC/MIN
INSULATION RESISTANCE: > 1000 MΩ
CONTACT RESISTANCE: 30 mΩ MAX

MECHANICAL
INSERTION FORCE: 5-8 N MAX
EXTRACTION FORCE: 8-20 N MIN

SOLDERING
JEDEC LEAD FREE WAVE AND REFLOW SOLDERING PROCESS

PACKAGING
TAPE & REEL

X	PCB THICKNESS	A
1	1.00 MM	1.50 MM
3	1.60 MM	1.90 MM

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C			
B			
A	17-NOV-15	PDF	AK

PROJECTION:

GENERAL TOLERANCE
.X = +/- 0.2
.XX = +/- 0.15

APPROVAL: NPr

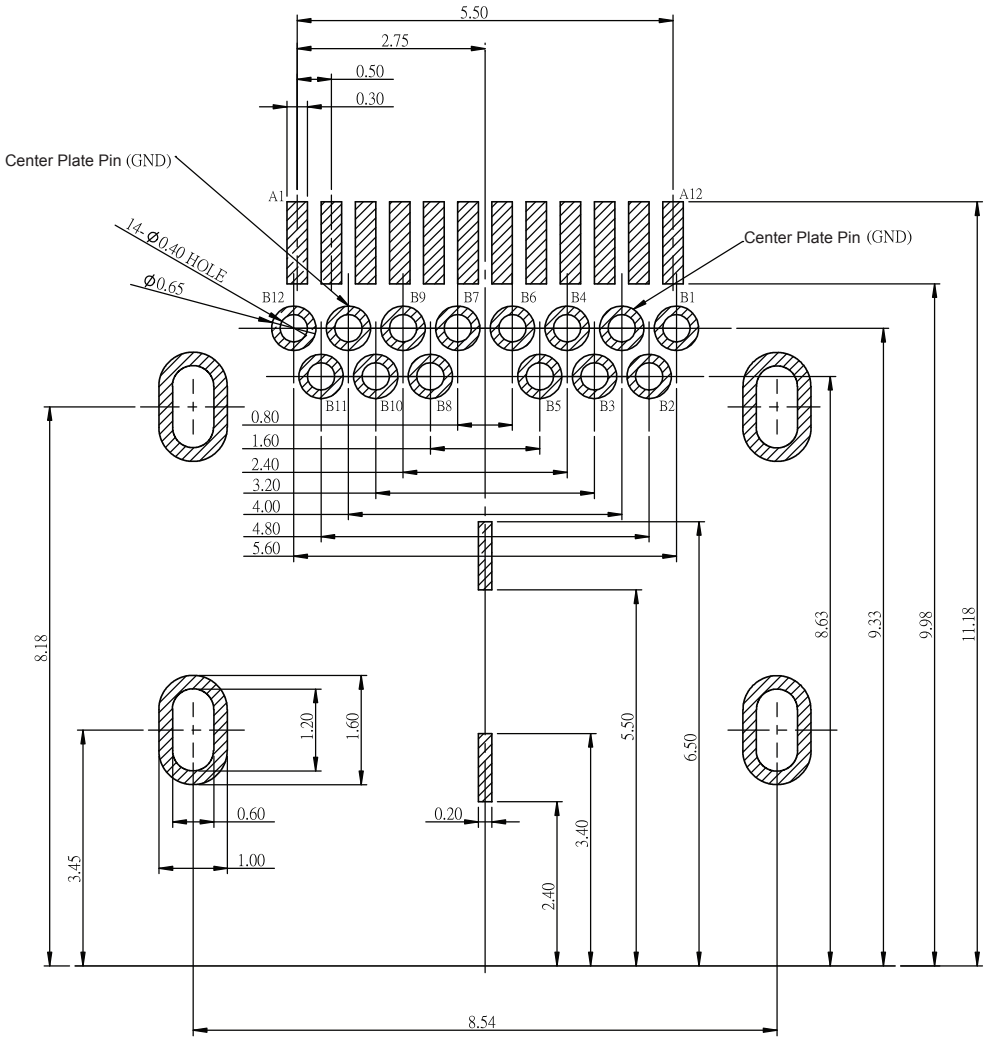
UNIT: MM
SCALE:
SHEET: 1/4
DRAW: AK

WÜRTH ELEKTRONIK

DESCRIPTION: USB 3.1 TYPE C RECEPTACLE - HORIZONTAL THT/SMT

WERI PART NO: 632 723 x00 021

SIZE
A4



PCB LAYOUT - COMPONENT VIEW

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

X	PCB THICKNESS
1	1.00 MM
3	1.60 MM

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C			
B			
A			

PROJECTION:

GENERAL TOLERANCE
.X = +/_ 0.2
.XX = +/_ 0.15

APPROVAL: NPr

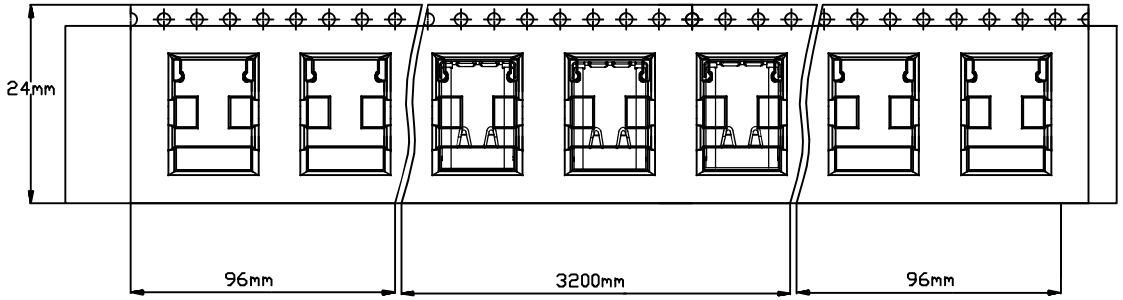
UNIT: MM
SCALE:
SHEET: 2/4
DRAW: AK

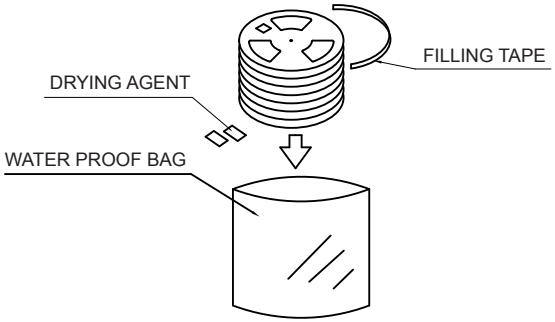
WÜRTH ELEKTRONIK

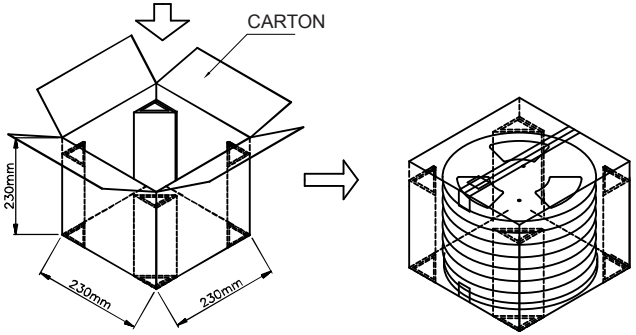
DESCRIPTION: USB 3.1 TYPE C RECEPTACLE - HORIZONTAL THT/SMT

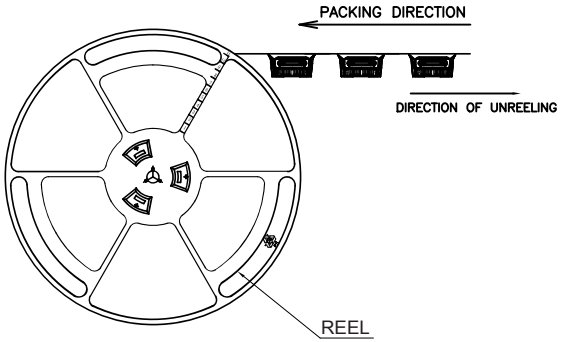
WERI PART NO: 632 723 x00 021

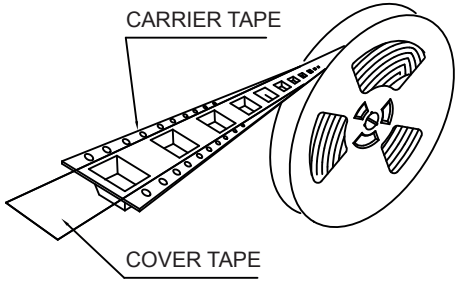
SIZE
A4











200 pcs/reel
5 reels/carton
1000 pcs/carton

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
E			
D			
C			
B			
A			

PROJECTION:

GENERAL TOLERANCE
.X = +/_ 0.2
.XX = +/_ 0.15

APPROVAL: NPr

UNIT: MM
SCALE:
SHEET: 3/4
DRAW: AK

WÜRTH ELEKTRONIK

DESCRIPTION: USB 3.1 TYPE C RECEPTACLE - HORIZONTAL THT/SMT

WERI PART NO: 632 723 x00 021

SIZE
A4

Cautions and Warnings:

This electronic component is designed and developed with the intention for use
in general electronics equipments.
Before incorporating the components into any equipments in the field such as aerospace, aviation,
nuclear control, submarine, transportation, (automotive control, train control, ship control),
transportation signal, disaster prevention, medical, public information network etc. where higher safety
and reliability are especially required or if there is possibility of direct damage or injury to human body,
Wurth Elektronik must be asked for a written approval.
In addition, even electronic component in general electronic equipments, when used in electrical circuits
that require high safety, reliability functions or performance, the sufficient reliability evaluation-check
for the safety must be performed before by the user before usage.

RoHS Compliant							
G				PROJECTION:	GENERAL TOLERANCE	WÜRTH ELEKTRONIK	
F					.X = +/- 0.2		
E					.XX = +/- 0.15		
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE
B					SCALE:		A4
A	10-SEP-14	PDF	QL		SHEET: 4/4	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		