

RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

NOTE:

1.MATERIAL SPECIFICATION:

1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.

2.TERMINAL: COPPER ALLOY

3.MID PLATE: STAINLESS STEEL

4.FRONT SHELL: STAINLESS STEEL

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:

PLATING SPECIFICATIONS FOLLOW THE P/N

2-3.MID 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:20 V DC/AC (RMS. max)

CURRENT RATING:3AMPS MIN

4-2. LLCR:

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

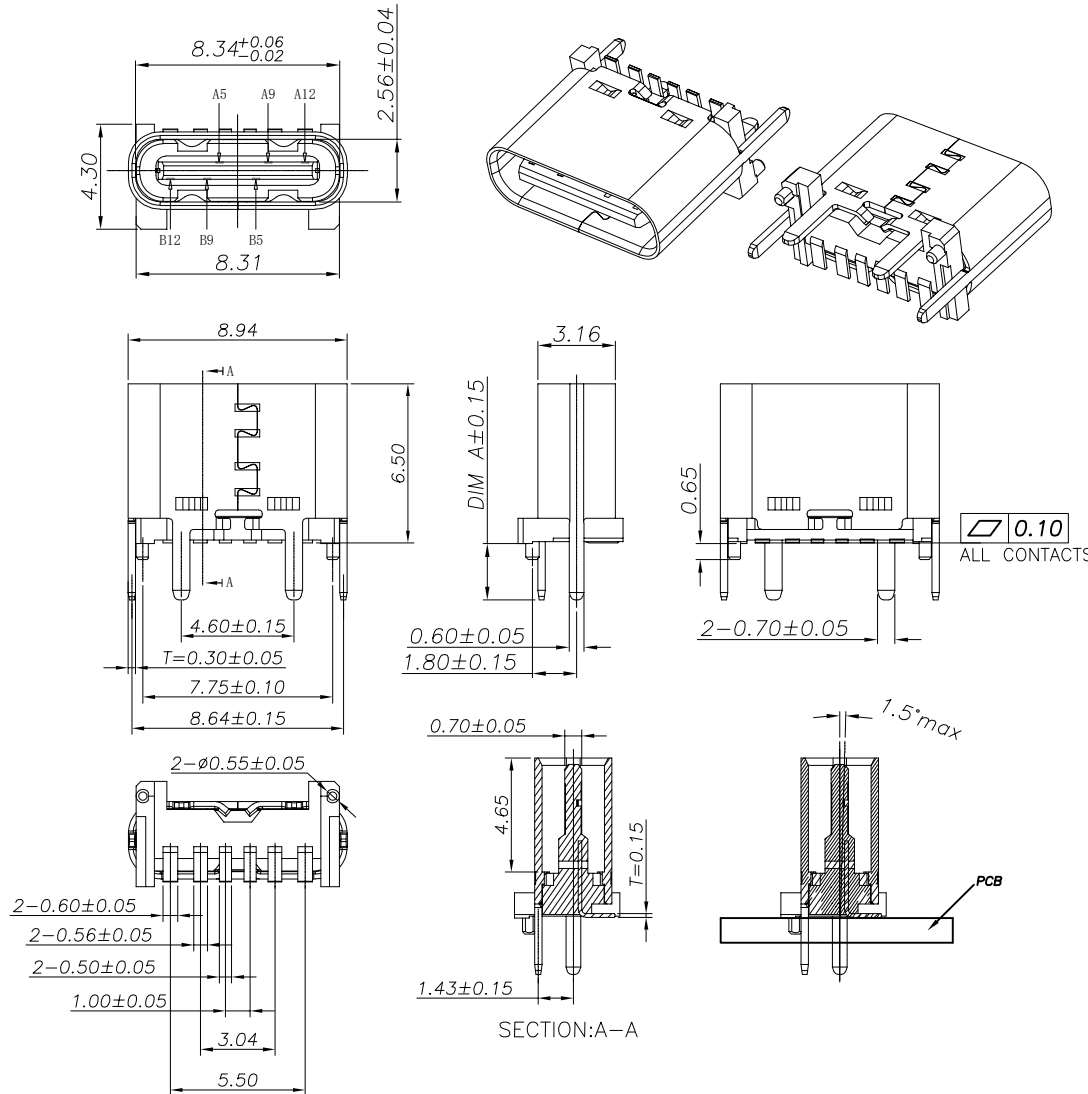
OPERATING TEMPERATURE: -25°C~+85°C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

PART NO. INFORMATION

U06-C F 2 C 5 R - 098 - X									
GENDER: F: FEMALE M: MALE	PORT TYPE C: TYPE C	CONTACT PLATED: 1: GOLD FLASH 2: GOLD 30" 3: GOLD 50" 4: GOLD 100" 5: GOLD 150" 6: GOLD 300"	PACKAGE R: TAPE REEL	HOUSING COLOR: 2: WHITE 5: BLACK 0: NATURE	HOUSING MATERIAL A: LCP B: PBT C: PA6T D: PA6T E: PA66 F: PA66	DIM A 1: 0.7MM 2: 1.7MM 3: 2.50MM			



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TOLERANCES UNLESS OTHERWISE SPECIFIED:

.X	± 0.30	X.*	± 3"
.XX	± 0.20	.X.*	± 2"
.XXX	± 0.10	.XX.*	± 1"

Website:www.bsc-elec.com

Email:bestcreate@bsc-elec.com

DESIGN:

I. L

DATE:

CHECKED:

C. W

DATE:

APPROVED:

C. W

DATE:

TITLE:

USB TYPE C 6PIN FEMALE CONNECTOR VERTICAL SMT
H=6.5MM

MATERIAL:

FINISH:

PART NO:

U06-CF2C5R-098-X

SIZE:

A4

DWG NO:

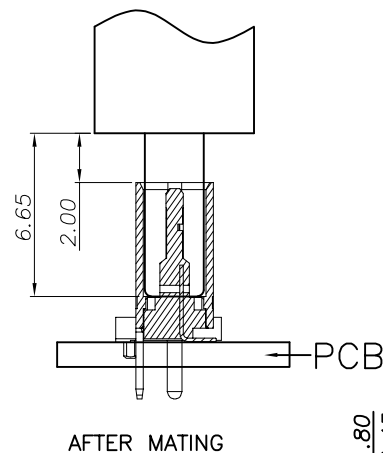
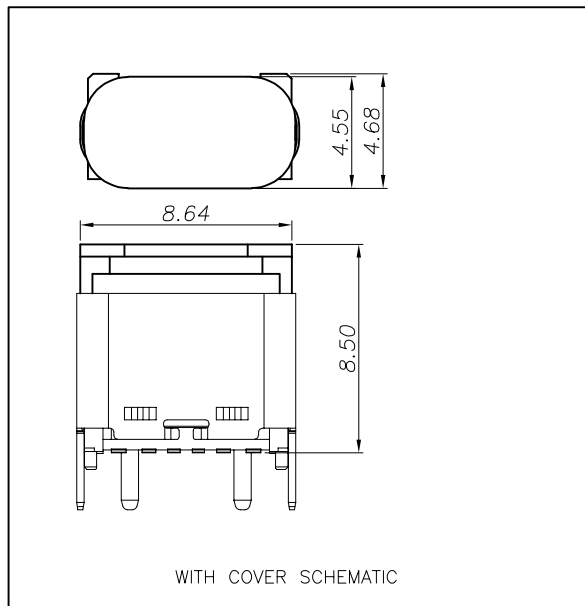
U06-CF2C5R-098-X

1 OF 3

RoHS Compliant

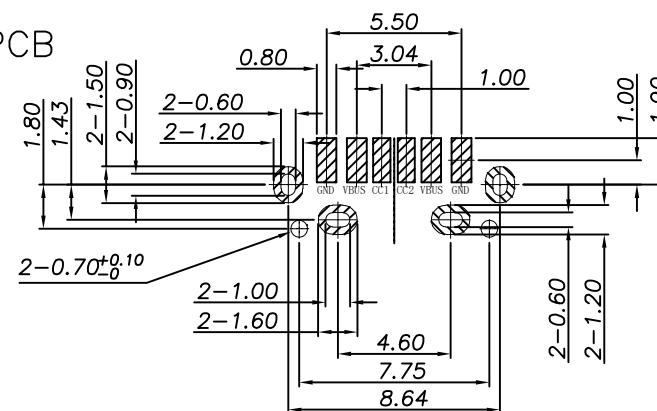
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PIN ASSIGNMENTS

A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2
PIN	SIGNAL NAME	PIN	SIGNAL NAME



RECOMMENDED PCB LAYOUT
THICKNESS ;DEFAULT TOLERANCE:±0.05

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

.X	±	0.30	X.*	±	3"
.XX	±	0.20	.X.*	±	2"
.XXX	±	0.10	.XX.*	±	1"

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USB TYPE C 6PIN FEMALE CONNECTOR VERTICAL SMT
H=6.5MM

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FINSH:

PART NO:

U06-CF2C5R-098-X

SIZE:

A4

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2 OF 3

REV:

A

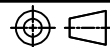
UNIT

mm

SCALE

1=1

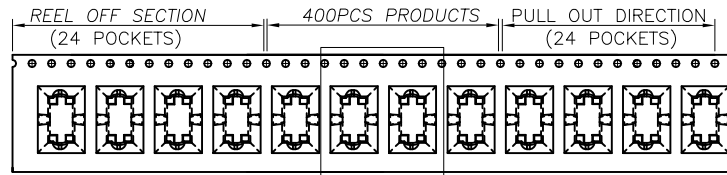
QUALITY
SYMBOLS



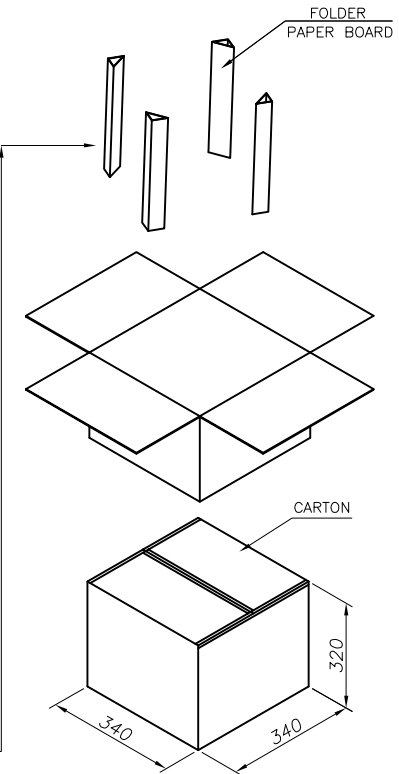
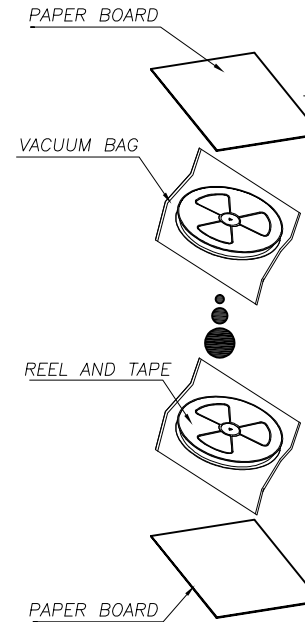
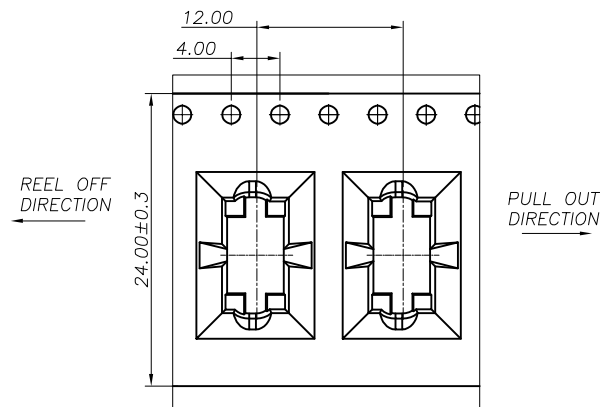
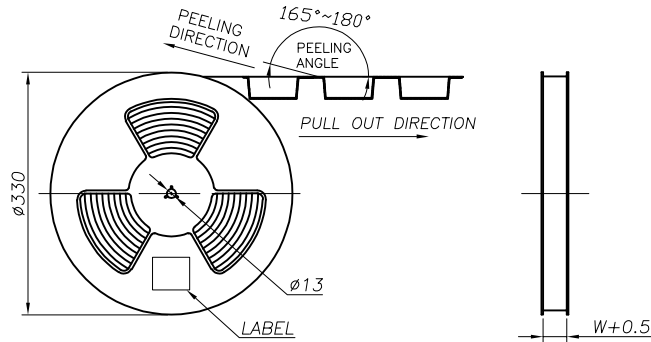
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SEE DETAIL X



	REEL/TRAY	CARTON
CONNECTOR (PCS)	400	4000

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.X	± 0.30	X.*	± 3"
.XX	± 0.20	.X*	± 2"
.XXX	± 0.10	.XX*	± 1"

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I. L

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C. W

DATE:

TITLE:

USB TYPE C 6PIN FEMALE CONNECTOR VERTICAL SMT
H=6.5MM

MATERIAL:

PART NO:

U06-CF2C5R-098-X

SIZE:

A4

FINISH:

DWG NO:

U06-CF2C5R-098-X

3 OF 3

REV:

A

UNIT

mm

SCALE

1=1

QUALITY

SYMBOLS

