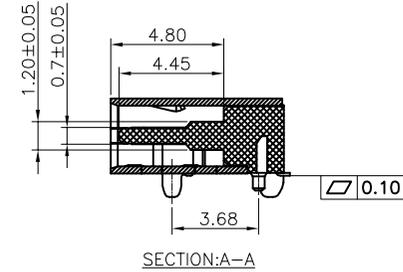
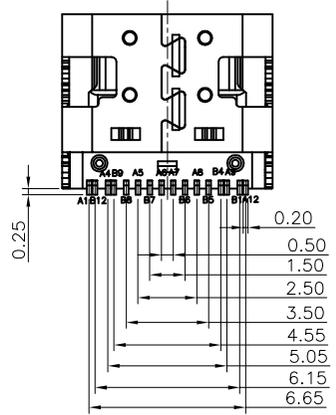
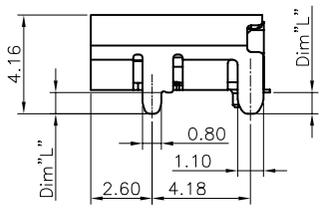
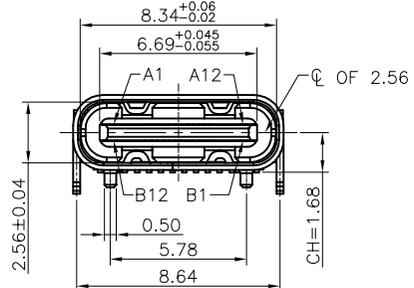
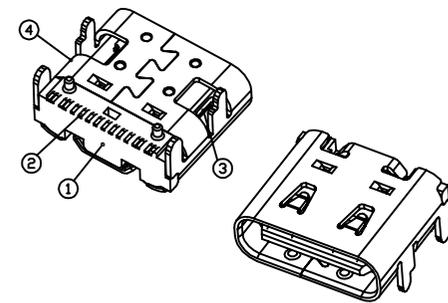
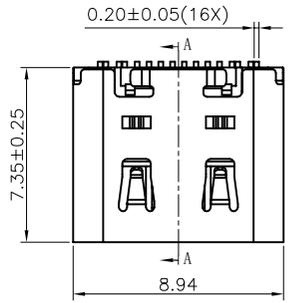


RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



- NOTE:
- 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:20V
    - 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
  - Mechanical Characteristics:
    - Insertion Force: 5~20N
    - Extraction Force: Initial: 8~20N  
After durability: 6~20N
    - Durability :10000 Cycles
  - Operating Temperature: -25°C TO +85°C

PART NO. INFORMATION

U06-C F X X 5 R - 055

- PORT TYPE  
C: TYPE C
- GENDER  
F: FEMALE  
M: MALE
- CONTACT PLATED  
1: GOLD FLASH  
2: GOLD 3U"  
3: GOLD 5U"  
4: GOLD 10U"  
5: GOLD 15U"  
6: GOLD 30U"
- PACKAGE  
R: TAPE REEL
- HOUSING COLOR  
2: WHITE  
5: BLACK  
9: NATURE
- HOUSING MATERIAL  
A: LCP B: PBT  
C: PA9T D: PA6T  
E: PA46 F: PA66

TYPE:

NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
4	INNER SHELL	SUS304 T=0.30mm	NICKEL 30u" MIN PLATING	1PCS
3	SHIELDING PLATE	SUS301 T=0.15mm	CLEAR ONLY	1PCS
2	CONTACT	C18400-H T=0.12mm	<small>IN BUCK MARK UNDER PLATED OVER ALL ARE PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING THK OF THE SOLDER AREA.</small>	1SET
1	HOUSING	LCP /PA9T UL94V-0	-----	1PCS

**Bestcreate Technology Limited**

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	± 0.50	X."	± 5'
.X	± 0.38	.X"	± 2'
.XX	± 0.25	.XX"	± 1'

Website:www.bsc-elec.com  
Email:bestcreate@bsc-elec.com

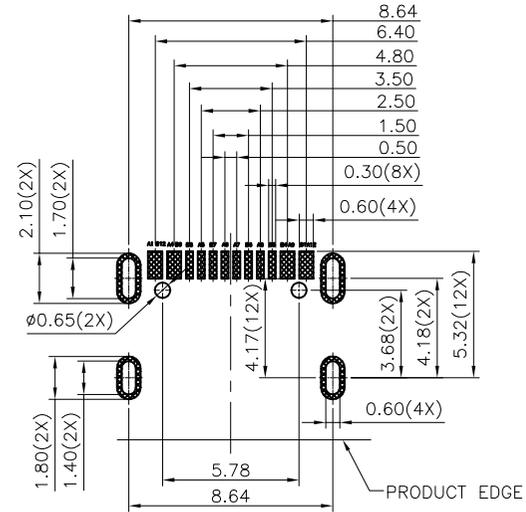
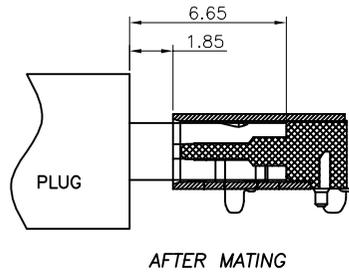
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CHECKED: C. W	DATE:
APPROVED: C. W	DATE:

TITLE: TOP MOUNT 16P USB 3.1 C FEMALE CONNECTOR, L=7.35MM		
MATERIAL:	PART NO: U06-CFXX5R-055	SIZE: A4
FINSH:	DWG NO: U06-CFXX5R-055	

REV: A	UNIT mm	SCALE 1=1	QUALITY SYMBOLS
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RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

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

**Bestcreate Technology Limited**

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	± 0.50	X.*	± 5°
.X	± 0.38	.X*	± 2°
.XX	± 0.25	.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:  
TOP MOUNT 16P USB 3.1 C FEMALE CONNECTOR,  
L=7.35MM

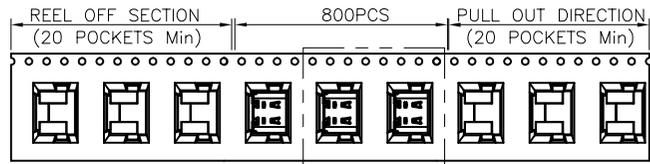
MATERIAL: PART NO: U06-CFXX5R-055 SIZE: A4

FINISH: DWG NO: U06-CFXX5R-055

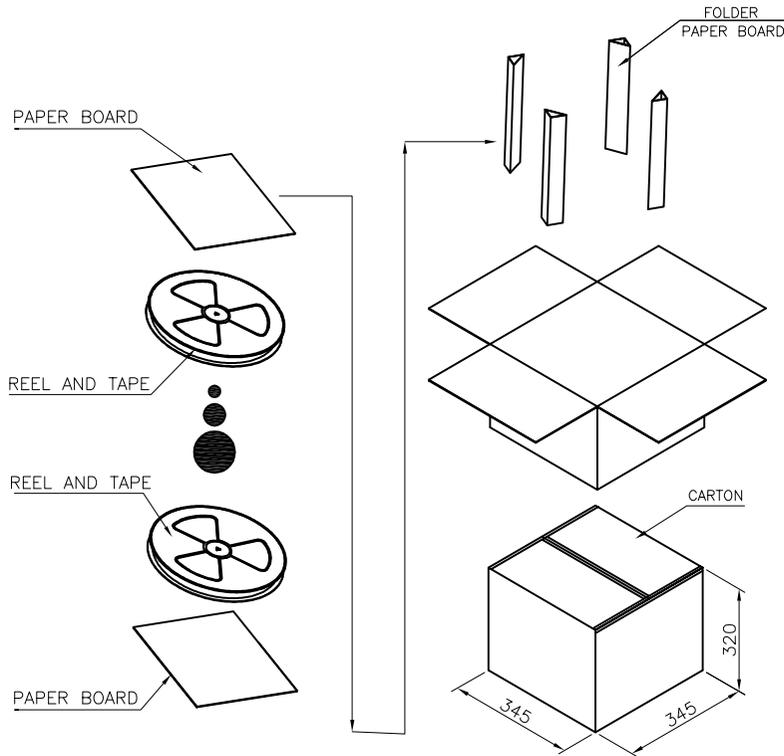
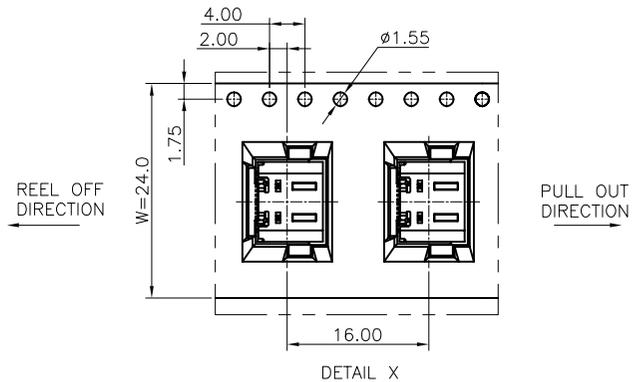
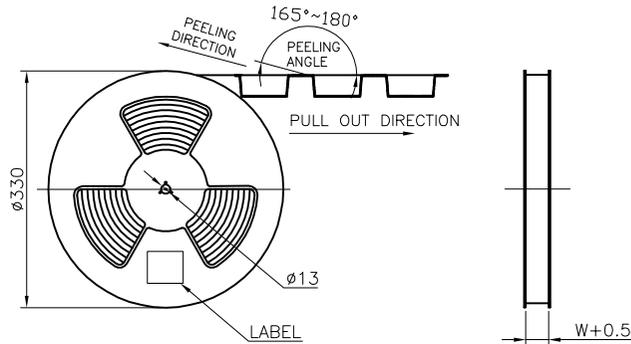
REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS

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REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



SEE DETAIL X



	REEL	CARTON
CONNECTOR (PCS)	800	8000

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	± 0.50	X.*	± 5"
.X	± 0.38	.X*	± 2"
.XX	± 0.25	.XX*	± 1"

Website: [www.bsc-elec.com](http://www.bsc-elec.com)  
 Email: [bestcreate@bsc-elec.com](mailto:bestcreate@bsc-elec.com)

DESIGN: I.L  
 CHECKED: C.W  
 APPROVED: C.W  
 DATE: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 DATE: \_\_\_\_\_

TITLE: TOP MOUNT 16P USB 3.1 C FEMALE CONNECTOR, L=7.35MM  
 MATERILA: \_\_\_\_\_ PART NO: U06-CFXX5R-055 SIZE: A4  
 FINSH: \_\_\_\_\_ DWG NO: U06-CFXX5R-055

REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS