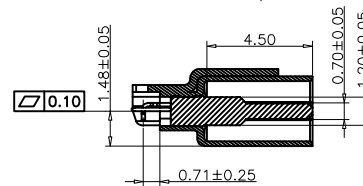
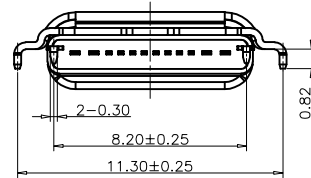
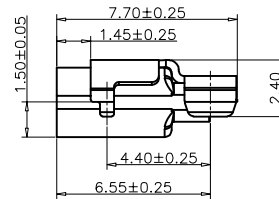
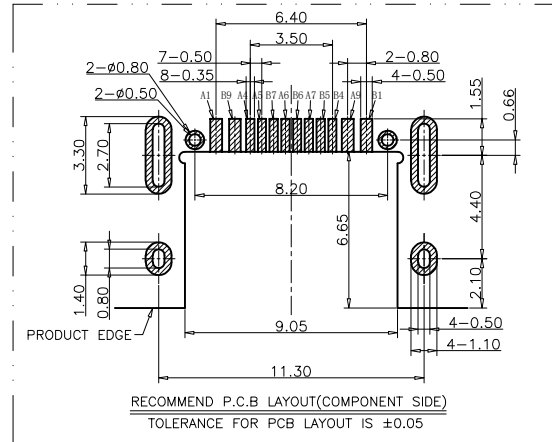
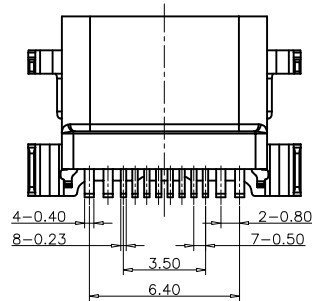
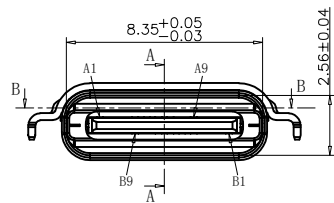
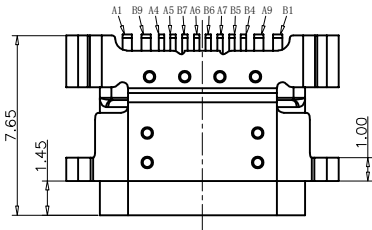
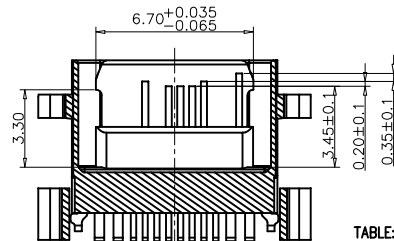


RoHS Compliant



SECTION A-A
SCALE 1:1



SECTION B-B
SCALE 1:1

TABLE:

NO	PART	Q'TY	Material
1	SHELL-1	1	STAINLESS STEEL,Ni PLATED 30u"Min
2	SHELL-2	1	STAINLESS STEEL,Ni PLATED 30u"Min
3	CONTACT	12	COPPER STEEL,Ni 50u"Min;Au u"
4	MID PLATE	1	STAINLESS STEEL,NO PLATING
5	MD HOUSING	1	HIGH TEMPERATURE RESISTANT PLASTIC BLACK UL94 V-0

NOTES:

1.MATERIAL:

1.1 HOUSING:SEE TABLE ORDERING INFORMATION

1.2 CONTACTS:Copper Alloy(C7025)

1.3 SHELL:Stainless steel

2.ELECTRICAL CHARACTERISTICS:

2.1 CONTACT RESISTANCE:40mΩ Max FOR INTIAL.10mΩ CHANGE AFTER TEST. MEASURE at 20mv, 100mA.

2.2 CONTACT CURRENT RATING:3A FOR VBUS PIN;1.25A FOR VCONN and GND PIN;0.25A FOR all THE OTHER PIN.

2.3 CLTAGE RATING:30V

2.4 DIELECTRIC WITHSTANDING VOLTAGE:100 V R.M.S.

2.5 INSULATION RESISTANCE 100 MEGOHMS MIN

3.MECHANICAL PERFORMANCE:

3.1 INSERT FORCE:0.51-2.04Kg

3.2 EXTRACT FORCE:0.82-2.04Kg

3.3 AFTER DURABILITY:0.61-2.04Kg

3.4 DURABILITY:10000 CYCLES

4.EVIRONMENTAL:

4.1 OPERATION TEMPERATURE: -20℃ to +85℃

USB TYPE C PIN ASSIGNMENTS

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

PART NO. INFORMATION

U06-C F X X 5 R - W020

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

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	±	0.50	X."	±	10°
.X	±	0.30	.X."	±	8°
.XX	±	0.20	.XX."	±	5°

Website:www.bsc-elec.com

Email:bestcreate@bsc-elec.com

DESIGN: I. L DATE:

CHECKED: C. W DATE:

APPROVED: C. W DATE:

TITLE: IP67 WATERPROOF 12P USB TYPE-C FEMALE CONNECTOR, L=7.65MM

MATERILA:	PART NO: U06-CFXX5R-W020	SIZE: A4
FINSH:	DWG NO: U06-CFXX5R-W020	

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

2

3

4

5

6

7

8

RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

REEL OFF SECTION
(12 POCKETS)

1200PCS

PULL OUT DIRECTION
(12 POCKETS)

SEE DETAIL X

PEELING DIRECTION

165°~180°
PEELING ANGLE

PULL OUT DIRECTION

ø3.30

ø1.3

LABEL

W=24.0

1.75

2.00

4.00

ø1.50

12.00

REEL OFF DIRECTION

PULL OUT DIRECTION

PAPER BOARD

REEL AND TAPE

REEL AND TAPE

PAPER BOARD

FOLDER
PAPER BOARD

CARTON

	REEL	CARTON
CONNECTOR (PCS)	1200	12000

Bestcreate Technology Limited

REV: A

UNIT mm

SCALE 1=1

QUALITY SYMBOLS

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	±	0.50	X.*	±	10*
.X	±	0.30	.X*	±	8*
.XX	±	0.20	.XX*	±	5*

Website:www.bsc-elec.com

Email:bestcreate@bsc-elec.com

DESIGN: I. L

CHECKED: C. W

APPROVED: C. W

DATE:

DATE:

DATE:

TITLE: IP67 WATERPROOF 12P USB TYPE-C FEMALE CONNECTOR, L=7.65MM

MATERILA:

FINSH:

PART NO: U06-CFXX5R-W020

DWG NO: U06-CFXX5R-W020

SIZE: A4

1

2

3

4

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7

8