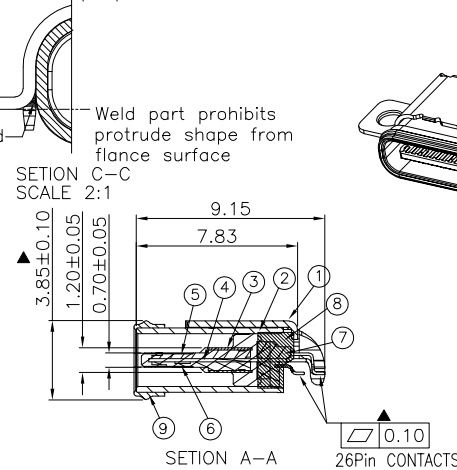
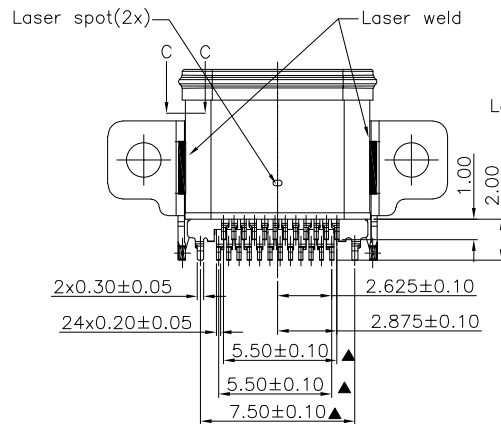
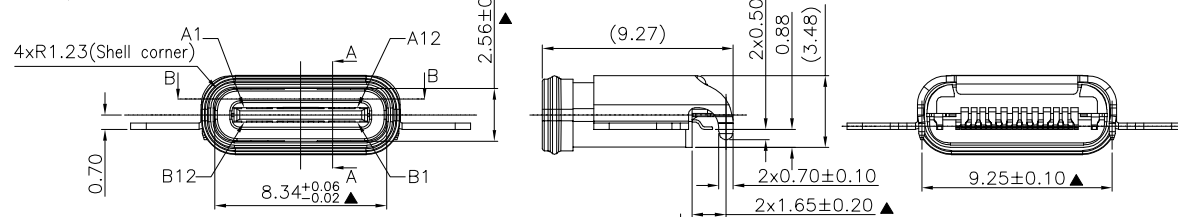
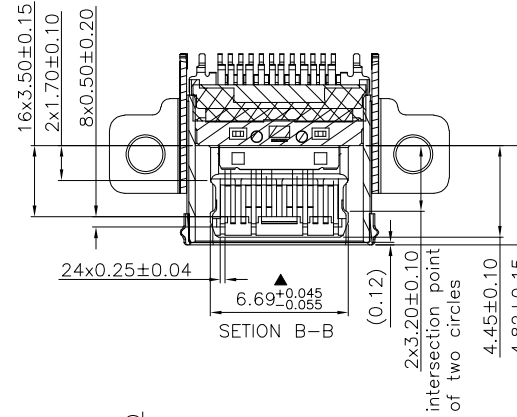
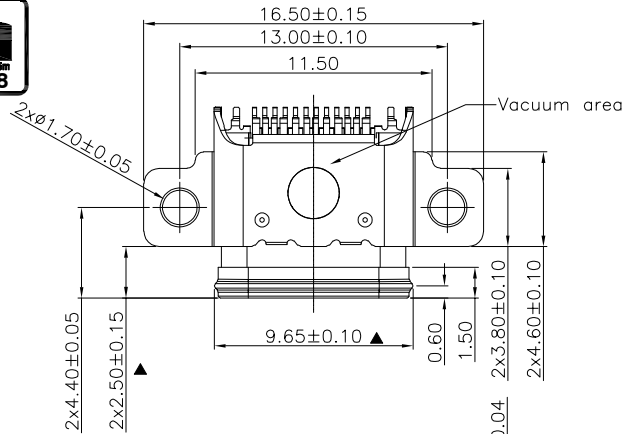


RoHS Compliant



Remark:

- MECHANICAL PERFORMANCE,
 - 1-1.INSERTION FORCE: 5~20N.
 - 1-2.EXTRACTION FORCE: 8~20N INITIAL,6~20N AFTER TEST;
 - 1-3.DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - 2-1. CURRENT RATING:5A MIN FOR VBUS,0.25A MIN FOR OTHERS VOLTAGE RATING: 20V MAX.
 - 2-2. LLCR:
 - 2-3.INSULATION RESISTANCE: 100MΩ MIN
 - 2-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- The waterproof grade is IPX8(1.5m depth of water).
- PIN DEFINITION:(GND pins(A1,A12,B1,B12) and Mid Plate should connect together in PCB circuit.)

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
Mid Plate	GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
	GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

5.Environmental Characteristics

Salt Spray: 48H
IR Reflow: Peak Temperature 250±5°C (Time:20S)
Operating Temperature Range:-30°C to +85°C.
Storage Temperature Range: -20°C to +60°C.
Relative Humidity: 15~70%RH
Storage Life : 6 Months
6.Comply to Rohs2.0 & HF.
7.With " " for the key control size

PART NO. INFORMATION

U06-C F X X 5 R - W176

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

TABLE:

9	Liquid Rubber	1PCS	Si	Color:Black
8	Rubber		Si	Color:Black
7	Insertmolding	1PCS	LCP E6808	Color:Black UL94 V-0
6	Bottom Contact	12PCS	C18150-R540, T=0.12	Mating Area: Ni 50u"MIN.+Au 15u" Min.
5	Top Contact	12PCS	C18150-R540, T=0.12	Solder Tails: Ni 50u"MIN.+Au 1u" Min.
4	Mid Plate	1PCS	SUS301R-H, T=0.15	Ni 50u"Min.+Solder area:Au 1u"Min.
3	GND Plate	2PCS	SUS301R-H, T=0.10	None
2	Shell	1PCS	SUS316, T=0.30	Ni:50u" Min.
1	Frame	1PCS	SUS304R-1/2H, T=0.30	Ni:50u" Min.
NO.	Part Name	Q'TY	Material	Finish

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	± 0.20	X.*	± 5°
.XX	± 0.15	.X*	± 2°
.XXX	± 0.10	.XX*	± 1°

Website:www.bsc-elec.com

Email:bestcreate@bsc-elec.com

DESIGN:
I.L

DATE:
2018. 7. 7

CHECKED:
C.W

DATE:
2018. 7. 7

APPROVED:
C.W

DATE:
2018. 7. 7

TITLE:

IPX8 16P WATERPROOF USB C FEMALE CONNECTOR 24P MID MOUNTCH=0.7

MATERILA:

PART NO:

U06-CFXX5R-W176

SIZE:
A4

FINSH:

DWG NO:

U06-CFXX5R-W176

1 OF 2

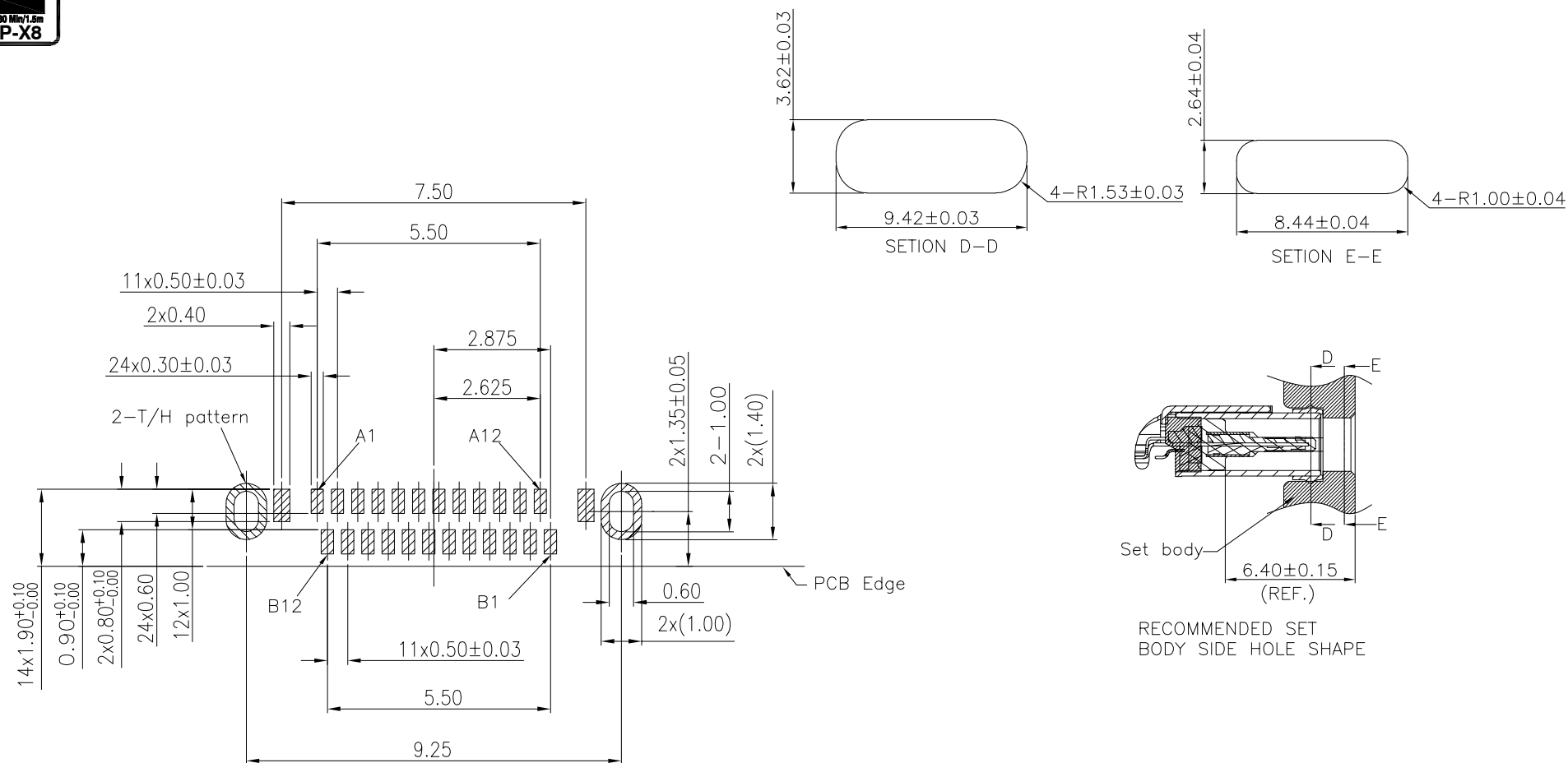
REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS

RoHS Compliant



REVISIONS

REV.	DESCRIPTION	DATE	DESIGN



RECOMMENDED PCB LAYOUT
DEFAULT TOLERANCE: ± 0.05
SCALE: 2:1

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	± 0.20	X.*	$\pm 5^{\circ}$
.XX	± 0.15	.X*	$\pm 2^{\circ}$
.XXX	± 0.10	.XX*	$\pm 1^{\circ}$

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

DESIGN: I.L
DATE: 2018. 7. 7

CHECKED: C.W
DATE: 2018. 7. 7

APPROVED: C.W
DATE: 2018. 7. 7

TITLE: IPX8 16P WATERPROOF USB C FEMALE CONNECTOR 24P MID MOUNTCH=0.7

MATERILA:	PART NO: U06-CFXX5R-W176	SIZE: A4
FINSH:	DWG NO: U06-CFXX5R-W176	2 OF 2

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