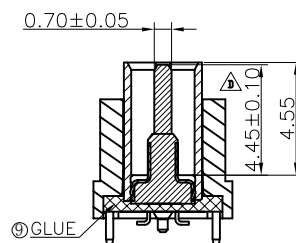
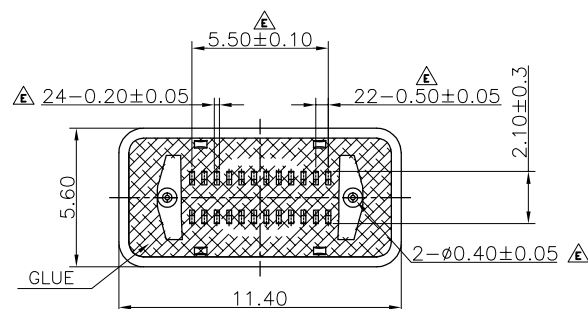
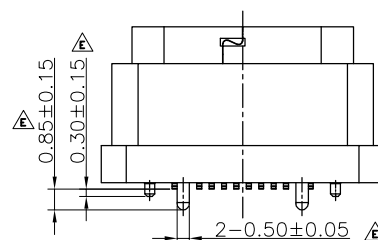
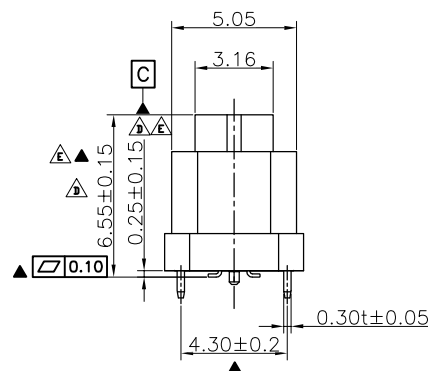
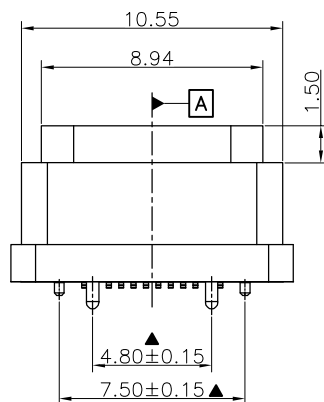
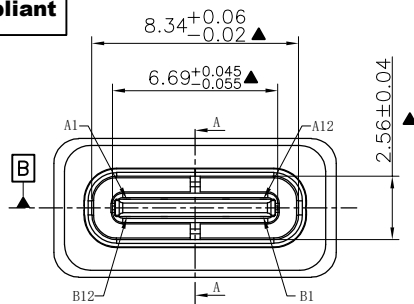
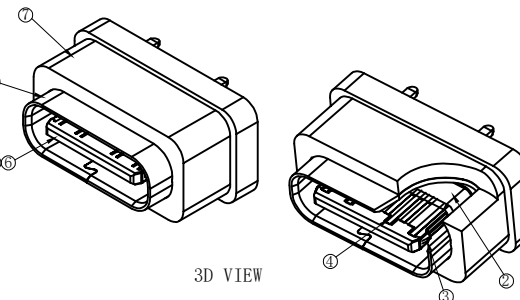


RoHS Compliant



Section:A-A



3D VIEW

PART NO. INFORMATION

U06-C F X X 5 R - W175

GENDER: F: FEMALE M: MALE	PORT TYPE C: TYPE C	CONTACT PLATED 1: GOLD FLASH 2: GOLD 30" 3: GOLD 50" 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

TABLE:

NO	PART	Q'TY	Material
1	SHELL	1	STAINLESS STEEL 304, NI 30u" MIN PLATED
2	EMI Plate	1	STAINLESS STEEL 301,NI 30u" MIN PLATED
3	Mid Plate	1	STAINLESS STEEL 301, NO PLATED
4	CONTACT	24	COPPER STEEL C18400,CONTACT AREA: Au 3u" Min; SOLDER TAIL: G/F,OVER ALL: 50u" Min NI UNDERPLATED
5	1MD HOUSING	1	LCP BLACK UL94 V-0
6	2MD HOUSING	1	LCP BLACK UL94 V-0
7	PLASTIC SHELL	1	NYLON BLACK UL94 V-0
8	CAP	1	LCP BLACK UL94 V-0
9	GLUE	-	SILICONE

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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

CHECKED:
C. W

APPROVED:
C. W

DATE:
2018. 7. 7

DATE:
2018. 7. 7

DATE:
2018. 7. 7

TITLE:

IPX7 24P WATERPROOF USB C FEMALE CONNECTOR
VERTICAL,H=6.5

MATERILA:

FINSH:

PART NO:

DWG NO:

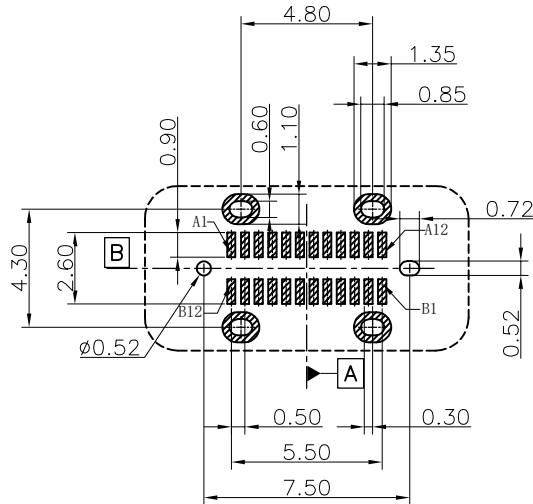
U06-CFXX5R-W175
U06-CFXX5R-W175

SIZE:
A4

1 OF 3

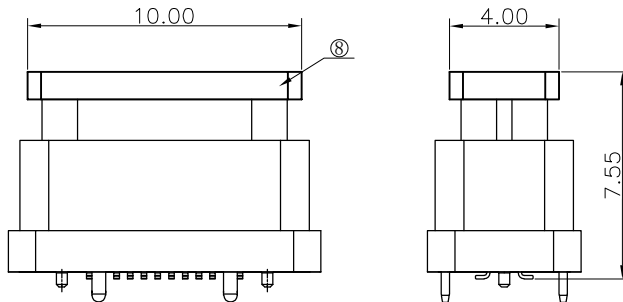
REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS

RoHS Compliant



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

CAP尺寸图



NOTE:

1. ELECTRICAL PERFORMANCE,

1-1. CURRENT RATING: 5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25 AMPS FOR CC PIN, 0.25 AMPS. FOR ALL OTHER CONTACT.

1-2. VOLTAGE RATING: 20V DC/AC (RMS. MAX)

1-3. LLCR:.

VBUS & GND PINS AND OTHER PINS: 40M Ω /PIN MAX.

SHIELD: 50M Ω /MAX.

LLCR MAX. CHANGE OF ALL PINS: 10M Ω .

1-4. INSULATION RESISTANCE: 100M Ω MIN

1-5. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.

2. MECHANICAL PERFORMANCE,

2-1. INSERTION FORCE: 5~20N.

2-2. EXTRACTION FORCE: 8~20N.

2-3. DURABILITY: 10000 CYCLES.

3. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25°C ~ +85°C.

4. IR REFLOW:

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

5. COMPLIANCE WITH ROHS REQUIREMENTS.

6. SALT SPRAY: 48H

7. With* * for the key control size

PIN DEFINITION:

PIN No.	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME	GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
PIN No.	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

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Email: bestcreate@bsc-elec.com

DESIGN:
I. L

DATE:
2018. 7. 7

TITLE:

IPX7 24P WATERPROOF USB C FEMALE CONNECTOR
VERTICAL, H=6.5

CHECKED:
C. W

DATE:
2018. 7. 7

MATERIAL:

PART NO:
U06-CFXX5R-W175

SIZE:
A4

APPROVED:
C. W

DATE:
2018. 7. 7

FINISH:

DWG NO:

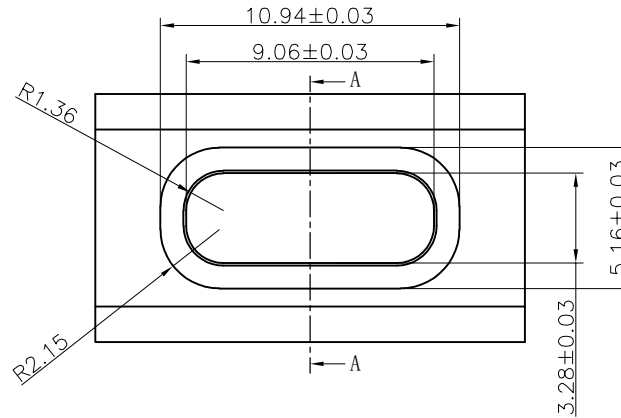
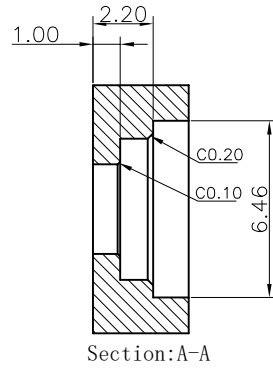
U06-CFXX5R-W175

2 OF 3

RoHS Compliant



机壳开孔尺寸图
SIZE DRAWING OF OPENING HOLE OF HOUSING



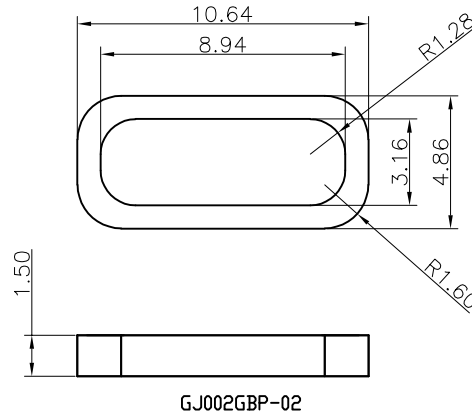
备注:

1. 材质: 硅胶黑色无卤, 耐高温270度, 硬度60+/-5 UL94V-2
2. 不可缺胶, 变形, 毛边, 脏污。

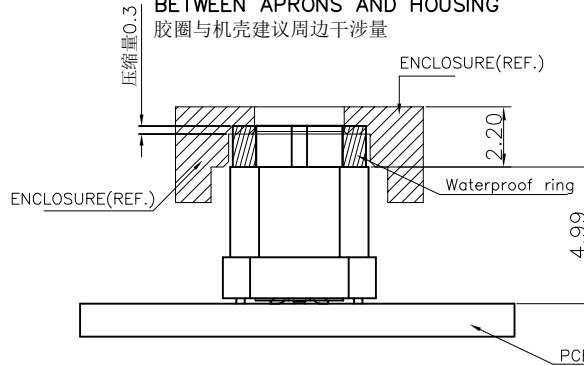
NOTES:

1. MATERIAL: SILICA GEL SI70A BLACK HALOGEN-FREE, HIGH TEMPERATURE RESISTANCE 270 DEGREES, HARDNESS 60 +/-5 UL94V-2
2. INDISPENSABLE GLUE, DEFORMATION, BURRS, DIRT.

防水圈尺寸图
DIMENSION DIAGRAM OF WATERPROOF RING



SUGGESTED PERIMETER INTERFERENCE
BETWEEN APRONS AND HOUSING
胶圈与机壳建议周边干涉量



RECOMMENDED SCHEMATIC DRAWING
OF CONNECTOR MATCH CHASSIS

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

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DESIGN: I. L
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CHECKED: C. W
DATE: 2018. 7. 7

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

TITLE: IPX7 24P WATERPROOF USB C FEMALE CONNECTOR
VERTICAL, H=6.5

MATERILA:	PART NO: U06-CFXX5R-W175	SIZE: A4
FINSH:	DWG NO: U06-CFXX5R-W175	3 OF 3

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