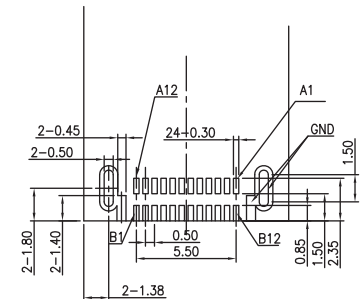
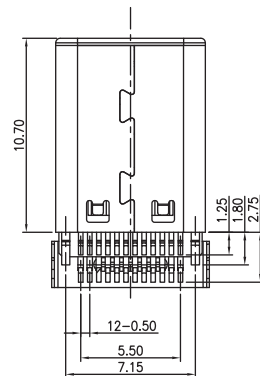
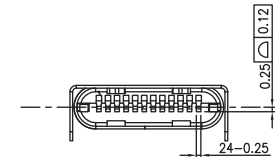
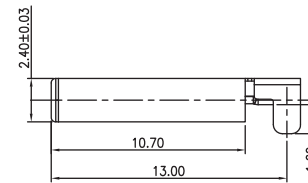
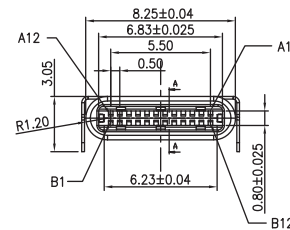
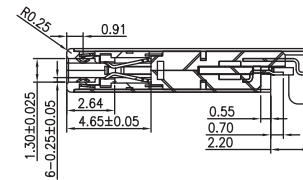
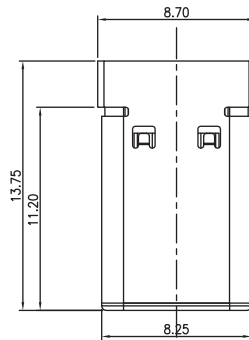


Isometric View



Recommended PCB Layout

**ELECTRICAL:**

CURRENT RATING: 5A Min. for VBUS,  
1.25A Min. for Other

CONTACT RESISTANCE:  
< 40 milliohm Max.

INSULATION RESISTANCE:  
> 100 Mgeaohm Min.

DIELECTRIC WITHSTANDING VOLTAGE:  
100 VAC for 1 Minute

OPERATING TEMPERATURE: - 40° C ~ 85° C

**MATERIAL:**

INSULATOR: LCP, UL94V-0

CONTACTS: Copper Alloy

CONTACT PLATING:

Gold Plating over 50u" Nickel on Contact Area,  
80u" Tin/ Plating over 50u" Nickel on Solder Area

SHELL: Stainless Steel with 50u" Nickel Plating

**Mechanical:**

INSERTION FORCE: 5 ~ 20N Max.

WITHDRAWAL FORCE: 8 ~ 20N Kg

DURABILITY: 10,000 Cycles

**HOW TO ORDER:**

U X 1 5 - 0 2 0 4 - 3 0 X X - Z

**Insulator Color**

0 - Black  
1 - Blue

**BODY STYLE**

1 - Male Right Angle

**# OF POSITIONS**

02 - 24 Position SMT

**MOUNTING STYLE**

04 - Surface Mount Male  
7.15mm Between Legs

**CONTACT AREA PLATING**

0 - 4u" Au  
1 - 7u" Au  
2 - 10u" Au  
3 - 15u" Au  
4 - 30u" Au

**PACKAGING**

0 - Tray  
2 - Tape & Reel

**ROHS COMPLIANT**

Rev	Drawn	Checked	Approved	Date
0	B.S.	S.M.	S.M.	12/10/15

<b>SMP TECHNOLOGY, INC.</b>	
USB 3.1 Male Connector, Surface Mount with DIP Shell Legs, 1.45mm Offset	

SCALE :N/A  
TOL. DEC. .X +/- 0.30 .XX +/- 0.20 ANGLE +/- 5° UNIT: mm

SERIES: UX15-0204-30XX-Z Pg: 1