**ELECTRICAL:**
- **CURRENT RATING:** 5A Min. for VBUS, 1.25A Min. for Other
- **CONTACT RESISTANCE:** < 40 milliohm Max.
- **INSULATION RESISTANCE:** > 100 MΩ Max.
- **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 50μ" Nickel on Contact Area,
  - **80μ" Tin Plating over 50μ" Nickel on Solder Area
- **SHELL:** Stainless Steel with 50μ" Nickel Plating

**Mechanical:**
- **INSERTION FORCE:** 5 ~ 20N Max.
- **WITHDRAWAL FORCE:** 8 ~ 20N Kg
- **DURABILITY:** 10,000 Cycles

**HOW TO ORDER:**
- **# OF POSITIONS 02 - 24 Position SMT**
- **MOUNTING STYLE 04 - Surface Mount Male 7.15mm Between Legs**
- **CONTACT AREA PLATING**
  - 0 - 4μ" Au
  - 1 - 7μ" Au
  - 2 - 10μ" Au
  - 3 - 15μ" Au
  - 4 - 30μ" Au
- **PACKAGING**
  - 0 - Tray
  - 2 - Tape & Reel
- **RoHS COMPLIANT**

**Recommended PCB Layout**

**Isometric View**

**USB 3.1 Male Connector, Surface Mount with DIP Shell Legs, 1.45mm Offset**

**Series:** UX15-0204-30XX-Z