



## UNIVERSAL SERIAL BUS: KMBX Series Mini USB B Type Socket

### Product Features

Overall Size 1/3 of Standard USB  
Surface Mount  
Indentations for Grounding and Mating Retention  
Meets USB 2.0 Specification  
Contact Area with Gold Plating  
CSA/NRTL/US Certified File No. LR78160  
UL File No. E134345

### Performance Specifications

#### Materials and Finish

##### Insulator

High Temperature Thermoplastic, UL94V-0 Rated

##### Contacts

Phosphor Bronze

##### Plating

30μ" Gold on Contact Area 3.8um (150μ")

Tin over Solder Tail, all over 1.27um (50μ") Nickel

##### Shell

Copper Alloy, Tin Plating

### Electrical Characteristics

**Rated Voltage:** 30V AC (rms)

**Rated Current:** 1A

**Contact Resistance:** 50 milliohms Max

**Insulation Resistance:** 100 Megohms Min.

**Dielectric Withstanding Voltage:** 100V AC

**Operating Temperature:** See Drawing

|                       |                     |                      |                  |
|-----------------------|---------------------|----------------------|------------------|
| 2D Drawing            | IGES                | STEP                 | 3D PDF           |
| Solder Profile        | CofC RoHS Compliant | CofC REACH Compliant | UL Plastic File  |
| Certificate of Origin | Check Stock         | Request a Sample     | Send Us An Email |

#### Generated Part Number

#### Part Number Builder

|                      |   |                      |                      |                      |                      |                      |
|----------------------|---|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | - | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Series               |   | Mounting Option      | No. of Contacts      | Shield Option        | Plating Option       | Packaging Option     |

#### Series

**KMBX** - Mini USB B Type

#### Mounting Option

**SMT** - Surface Mount with Locating Posts

#### Number of Contacts

**5S** - 5 Pin Socket

#### Shield Option

**S** - Shielded

#### Plating Option

**30** - 30μ" Gold Plating

#### Packaging

**TR** - Tape and Reel

**TRMT** - Tape and Reel, Mylar Tape

### KMBX-SMT Series

Dimensions in mm

