



## 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

30 $\mu$ " Gold on Contact Area (150 $\mu$ "  
Tin over Solder Tail, all over 1.27 $\mu$ " (50 $\mu$ " 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** - 30 $\mu$ " Gold Plating

#### Packaging

**TR** - Tape and Reel

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

### KMBX-SMT Series

Dimensions in mm

