



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 3.8µm (150µ")
Tin over Solder Tail, all over 1.27µm (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

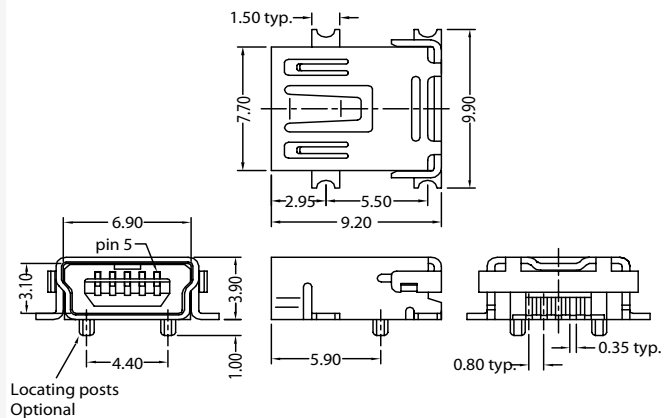
30 - 30µ" Gold Plating

Packaging

- TR - Tape and Reel
- TRMT - Tape and Reel, Mylar Tape

KMBX-SMT Series

Dimensions in mm



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Kycon:](#)

[KMBX-BP-KIT-ST30](#) [KMBX-SMT-5S-S-30TR](#) [KMBX-SMT5S-S30TRMT](#)