



KMBX Series Mini USB B Type Socket

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

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: 1000 Megohms Min.

Dielectric Withstanding Voltage: 100V AC

Operating Temperature: See Drawing

Mini USB Connector

KMBX Series

Documentation & Ordering Information

Kycon Part #

Part Number Builder

KMBX	-	SMT	-	5S		S	-	30		TR
Series		Mounting Option		Number of Contacts		Shield Option		Plating Option		Packaging

Series
KMBX - Mini USB B Type

Mounting Option
SMT - Surface Mount with Locating Posts
SMT4 - Surface Mount without Locating Posts

Number of Contacts
5S - 5 Pin Socket

Shield Option
S - Shielded

Plating
30 - 30µ" Gold Plating

Packaging
TR - Tape and Reel

KMBX-SMT Series

Dimensions in mm

