



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



Generated Part Number

KMBX-SMT-5S-S-30TR

Part Number Builder

KMBX	-	SMT	5S	S	30	TR
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

KMBX-SMT Series

Dimensions in mm

