LEADERSHIP in Connector Design

KYCON

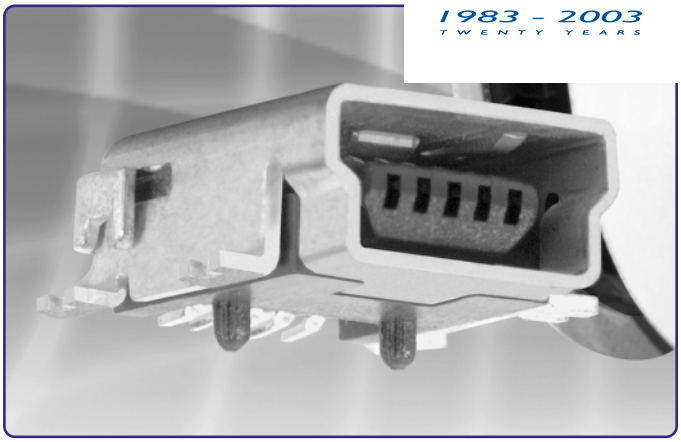
TOBY

The vital component

1983 – 2003 TWENTY YEARS

MINI USB CONNECTOR

KMB-SMT Series



KMB-SMT Series
Mini USB B-Type Socket

Features

- Footprint is 1/3 the Size of Standard USB
- Surface Mount
- Indentations for Grounding and Mating Retention
- Meets USB 2.0 Specification
- Contact Area with Gold Plating
- CSA/NRTL/US Cerfitied File No. LR78160

Performance Specifications

Materials and Finish

Shell
Copper Alloy, Tin or Nickel Plated
Insulator
PA6T Thermoplastic, UL94V-0 Rated, Black Color
Contacts
Phosphor Bronze
Plating
Standard - 30µ" Gold on Contact Area 3.8µm (150µ")
Tin/Lead on Soldertail, all over 1.27µm (50µ") Nickel.

Electrical Characteristics

Voltage Rating
30V AC
Contact Current Rating
1 Amp Max.
Contact Resistance
50 Milliohms Max.
Insulation Resistance
1000 Megohms Min.
Dielectric Withstanding Voltage
1000V AC for 1 Minute
Operating Temperature
0°C to +50°C

Ordering Information

KMB	–	SMT	–	5S	–	S	–	30		TR
Series		Style		Number of Contacts		Shield Option		Plating Option		Packaging

Series
KMB - Mini USB

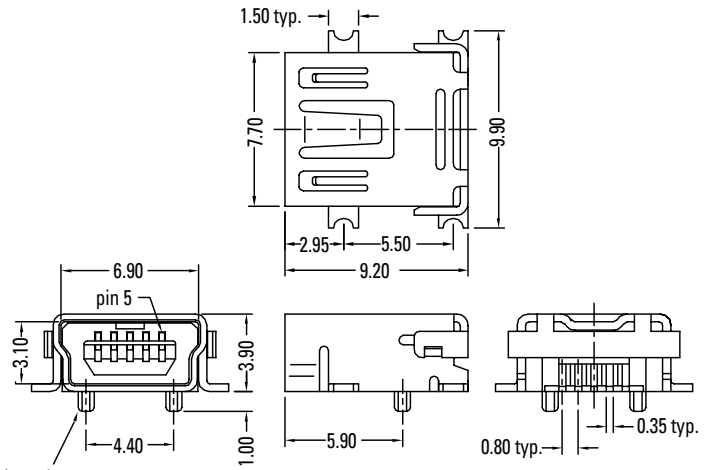
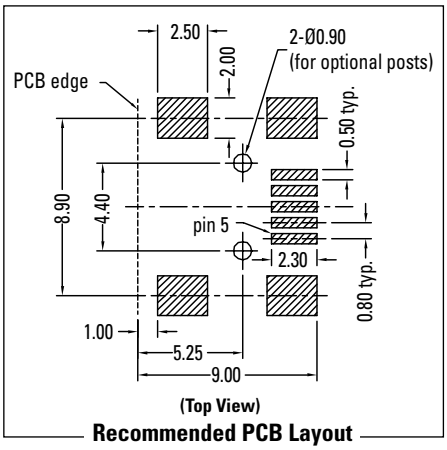
Style
SMT - Surface Mount with Locating Posts
SMT4 - Surface Mount without Locating Posts

Number of Contacts
5S - 5 Pin Socket

Shield Options
S - Shielded

Plating
30 - 30µ" Gold Plating

Packaging
TR - Tape and Reel

KMB-SMT Series Dimensions

Dimensions in mm