

KMABX Series
Mini USB AB-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

Shell : Copper Alloy, Plating - Tin or nickel plating
Insulator : High Temp Material Thermoplastic UL94V-0 Rated
Contacts : Phosphor Bronze
Plating : Standard - 30µ" Gold on Contact Area.3.8um (150µ")
 Tin over Solder Tail, all over1.27um (50µ") Nickel.

Electrical Characteristics

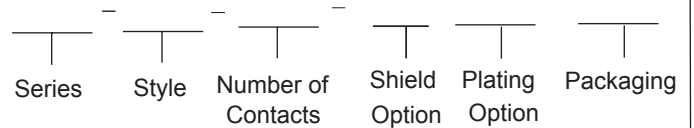
Voltage Rating : 30V AC (rms)
Contact Current Rating : 1A Max.
Contact Resistance: 50 Milliohms Max.
Insulation Resistance: 1000 Megohms Min.
Dielectric Withstanding:1000V AC
Operating Temperature: -55°C to + 85°C

Mini USB Connector
KMABX-SMT Series

Documentation & Ordering Information

Kycon Part #

Part Number Builder



Series

KMABX - Mini USB AB-Type

Style

SMT - Surface Mount with locating posts

Number of Contacts

5S - 5 Pin Socket

Shield Options

S - Shielded

Plating

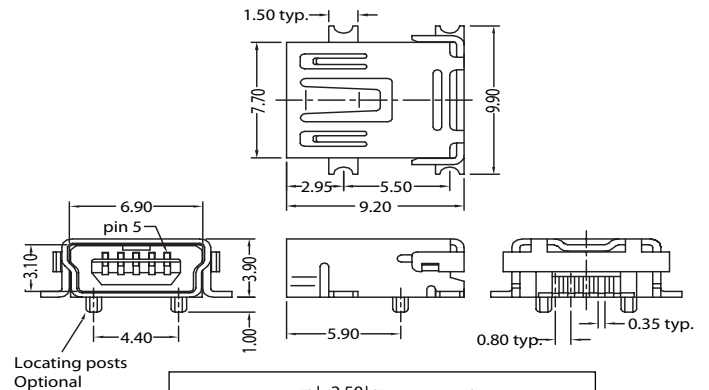
30 - 30µ" Gold Plating

Packaging

TR - Tape and Reel

KMABX-SMT Series Dimensions

Dimensions in mm



Locating posts
Optional

