



KFWSX-PV Series Vertical PCB Mount IEEE 1394 Socket

Features

- Supports Hot Plugging
- Rated 400 Mbps
- Tin Plated Solder Tails for Excellent Solderability
- CSA/NRTL Certified File No. LR78160



Performance Specifications

Materials and Finish

Shell: Copper Alloy, Tin Plated

Insulator: PBT, UL 94V-0 Rated, Black Color

Contacts: Phosphor Bronze

Plating: 0.76um (30u") Gold on Contact Area, 3.8um (150u") Tin on Solder Tail, all over 1.27um (50u") Nickel

Mechanical Characteristics

Durability: 1500 Cycles Min.

Insertion Force: 35 Newtons Max.

Withdrawal Force: 10 Newtons Min.

Electrical Characteristics

Voltage Rating: 30V AC (rms)

Contact Current Rating: 1A Max. per Contact not to Exceed 30°C Temperature Rise

Dielectric Withstanding Voltage: 500V AC for 1 Minute

Capacitance: 2pF Max.

Contact Resistance: Less Than 30 milliohms per Contact Pair After 1500 Mating Cycles

Insulation Resistance: Greater than 100 Megohms

Operating Temperature: -55°C to + 85°C

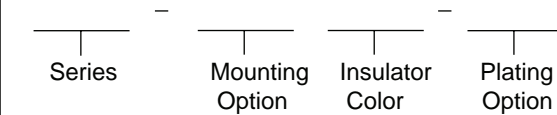
IEEE 1394 CONNECTORS

KFWSX-PV Series

Documentation & Ordering Information

Kycon Part #

Part Number Builder



Series
KFWSX

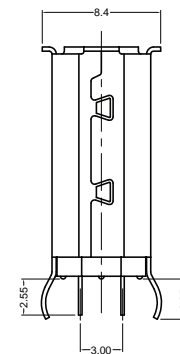
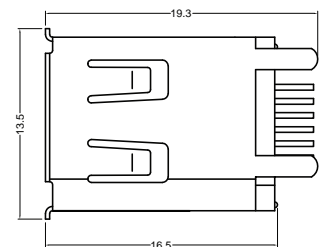
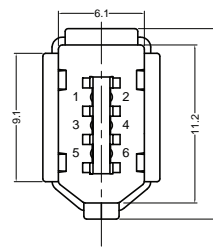
Mounting Option
PV-100

Insulator Color
B - Black
W - White

Plating
30 - 30μ" Gold Plating

KFWSX-PV Series Dimensions

Dimensions in mm



Recommended PCB Layout
(Top View)

