



KFWSX-PV Series Vertical PCB Mount IEEE 1394 Socket

Features

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

Performance Specifications

Materials and Finish

Shell : Copper Alloy, Tin Plated

Insulator : PBT, UL94V-0 Rated Color - Black

Contacts : Phosphor Bronze 0.76um (30u") Gold on Contact Area,

Plating : 3.8um (150u") Tin on Solder Tail, all over 1.27um (50u") Nickel

Mechanical Characteristics

Durability : >1500 Cycles

Mating Force : 35 Newtons maximum

Withdrawal Force : 10 Newtons minimum

Electrical Characteristics

Voltage Rating : 30V AC (rms)

Contact Current Rating : 1A Max. Per Contact Not
To Exceed 30°C Temp. Rise

Dielectric Withstanding Voltage : 500V AC @ sea level

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

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Part Number Builder

Series	Mounting Option	Insulator Color	Plating Option
Series KFWSX	Mounting Option PV-100	Insulator Color B - Black	Plating 30 - 30μ" Gold Plating

KFWSX-PV Series Dimensions

Dimensions in mm

