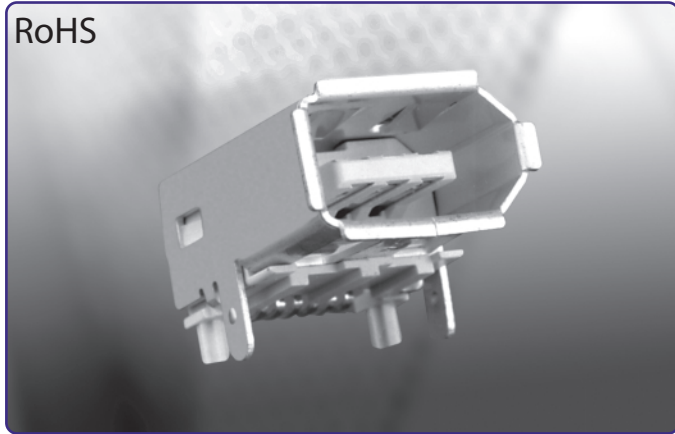


RoHS



KFWSX Series Right Angle Surface Mount IEEE 1394 Socket

Features



- Supports Hot Plugging
- Rated 400 Mbps
- Surface Mount Technology for Electrical Connections
- Tin Plated Solder Tails for Excellent Solderability
- Contact Area with Gold Plating
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

- Shell:** Copper Alloy, Nickel Plating
Insulator: High Temperature Thermoplastic, UL 94V-0 Rated
Contacts: Copper Alloy
Plating: 30 μ" Gold over Nickel on Contact Area
 Tin over Nickel on Solderails

Mechanical Characteristics

- Durability:** 1500 Cycles Min.
Insertion Force: 3.6kg Max.
Extraction Force: 1.0kg Min.

Electrical Characteristics

- Voltage Rating:** 30V AC
Contact Current Rating: 1A DC 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 - SMT Series

Documentation & Ordering Information

Kycon Part #

Part Number Builder

KFWSX	-	SMT-100	W	30
Series		Mounting Option	Insulator Color	Plating Option

Series

KFWSX - Single IEEE 1394 Socket

Mounting option

SMT-100 - Right Angle Surface Mount without Backshield

Insulator Color

B - Black
 W - White

Plating

30 - 30μ" Gold Plating

KFWSX-SMT Series Dimensions

Dimensions in mm

