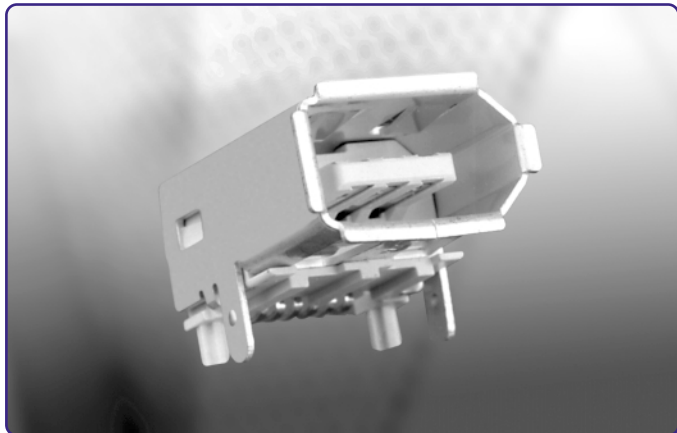




KFWS Series Right Angle Surface Mount IEEE 1394 Socket

Features 

- Supports Hot Plugging
- Rated 400 Mbps
- Surface Mount Technology for Electrical Connections
- Tin Lead 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, UL94V-0 Rated

Contacts: Phosphor Bronze

Plating: Standard - 30µ" Gold over Nickel on Contact Area
Tin/Lead 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: 1 Amp DC Max. Per Contact Not To
Exceed 30°C Temp. Rise

Dielectric Withstanding Voltage: 750 V 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

KFWS - SMT Series

Ordering Information

KFWS	—	SMT-100	W	—	30
Series		Style	Color		Plating Option

Series

KFWS - Single IEEE 1394 Socket

Style

SMT-100 - Right Angle Surface Mount

Color

W - White

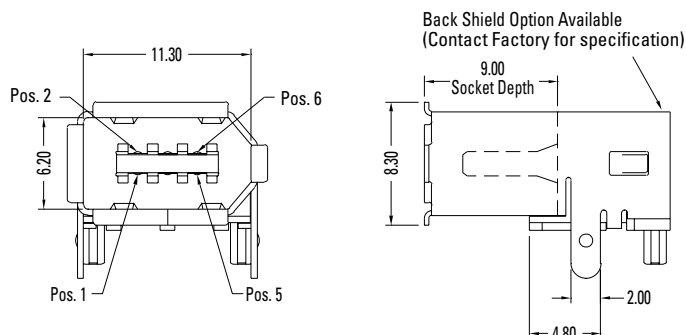
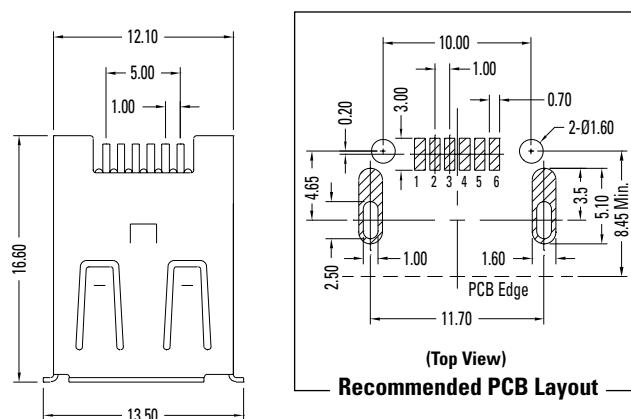
B - Black

Plating

30 - 30µ" Gold Plating

KFWS-SMT Series Dimensions

Dimensions in mm



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Kycon:](#)

[KFWS-SMT-100B-30](#)