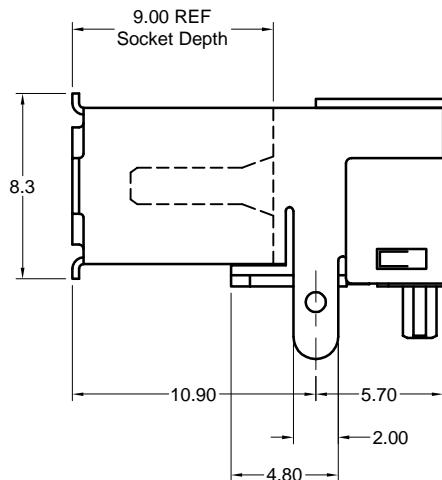


Recommended PCB Layout Component Side



Part Number	*Insulator Color
KFWSX-SMTBS-100B-30	Black
KFWSX-SMTBS-100W-30	White

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	6/27/05	New Drawing	N.Chang	C. Furumasu	N.Chang	6/27/05

KFWSX-SMTBS-100x-30

Firewire IEEE1394 Receptacle, Right Angle,
SMT Type, with Back Shield, RoHS CompliantRoHS COMPLIANT
EU Directive 2002/95/EC

Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated
Otherwise

Materials and Finish

Shell: Phosphor Bronze, Nickel Plating
Insulator: UL94V-0 Rated High Temp. Thermoplastic Color* - White or Black
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 Specifications

Durability: 1500 cycles minimum
Mating Force: 35 Newtons maximum
Withdrawal Force: 10 Newtons minimum

Electrical Specifications

Voltage Rating: 30VAC (rms)
Current Rating: 1A max. per contact not to exceed 30°C Temp. rise
Dielectric Withstanding Voltage: 750VAC @ sea level
Capacitance: 2pF maximum
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

Mouser Electronics

Authorized Distributor

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[Kycon](#):

[KFWSX-SMTBS-100W30](#) [KFWSX-SMTBS-100B30](#)