



Recommended PCB Layout
(Top View)

Material and Finish

Insulator: UL94V-0 rated thermoplastic, glass fiber filled, black color
 Shield: cold roll steel (front), brass (rear)
 Plating - 120u" nickel over 50u" min. copper
 Contacts: phosphor bronze
 Plating - 30u" gold on contact area, 120u" min. tin on solder tails, all over 50u" min. nickel underplating

Mechanical Specifications

Mating Force: 2 kg max.
 Withdrawal Force: 0.5-4.0 kg

Electrical Specifications

Dielectric Withstanding Voltage: 100VAC at sea level
 Contact Resistance: 30 milliohms max.
 Insulation Resistance: 100 Megohms min.

Part Number	Packaging Options
KMFSX-SMT-310B30	Tubes (standard)
KMFSX-SMT-310B30TR	Tape and Reel (TR option)



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	10/11/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	8/03/05

KMFSX-SMT-310B30

Mini IEEE 1394 Receptacle, 4 Position, RoHS Compliant
 Low-Profile Mount, SMT-type with 30u" Gold Plating

