



Recommended PCB Layout
(Top View)

Part Number	Packaging Options
KMFS-SMT-310B-30	Tubes (standard)
KMFS-SMT-310B-30TR	Tape and Reel (TR option)

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/lead 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.

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	12/27/02	New Drawing	T. Gokcek	H. MA	T. Gokcek	12/26/02
A0	1/31/03	Release Drawing	T. Gokcek	C. Leiva		

KMFS-SMT-310B-30

UNITS
mm

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

