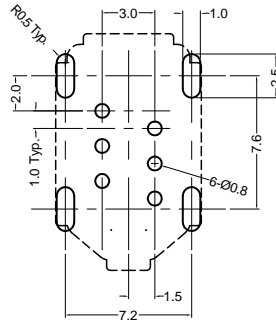


Recommended PCB Layout
(Top View)



Materials and Finish

Shell: Copper Alloy, Tin Plated
 Insulator: PBT, UL94V-0 Rated
 Color- 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
 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:
 500VAC @ 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



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

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

KFWSX-PV-100B-30

Firewire IEEE 1394 Receptacle,
Vertical, 30u" Gold, RoHS Compliant

