

Recommended PCB Layout (Bottom View)

**Material and Finish**

Inner Shield: copper alloy, tin plated  
 Outer Shield: steel, tin plated  
 Body: PBT thermoplastic UL94V-0 rated color - black  
 Contacts: pins 1 and 2 - brass, tin plated  
 pin 3 - phosphor bronze, tin plated

**Electrical Characteristics**

Contact Rating:  
 #1,#2: 7.5A max. @ 20V DC  
 #3: 1.0A max. @ 20V DC  
 Insulation Resistance:  
 50 Megohms min. at 250V DC  
 Dielectric Strength:  
 250 V AC rms for 1 minute  
 Contact Resistance:  
 30 milliohms max.  
 Operating Temperature:  
 -40°C to 85°C

**RoHS COMPLIANT**  
 EU Directive 2002/95/EC

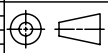


Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	4/13/05	New Drawing	H. MA	C. Furumasa	H. MA	4/13/05
A2	10/22/07	ECO # 07-048	WILL, H.	H. MA		
A3	03/22/10	ECO # 10-018	S. Vien	H. MA		

**KPJX-3S-S**

DC Power Jack, RoHS Compliant  
 3 Position, Shielded



UNITS  
 mm