



Recommended PCB Layout  
(Bottom View)

**Material And Finish**

Insert- PBT Thermoplastic, Black Color  
UL94V-0 Rated  
Contact Material- Phosphor Bronze  
Contact Plating- Silver Plated

**Mechanical Characteristics**

Insertion Force- 0.5kg-4.5kg  
Withdrawal Force- 0.4kg-3.5kg  
Durability- 5000 Cycles Min.

**Electrical Characteristics**

Contact Current Rating-  
2 Amp Max. @ 12V DC  
Insulation Resistance-  
100 Megohms Min. at 250V DC  
Contact Resistance-  
Before Durability Testing-  
Plug to Shield- 50 milliohms max.  
Plug to Terminals- 30 milliohms max.  
After Durability Testing-  
Plug to Shield- 100 milliohms max.  
Plug to Terminals- 60 milliohms max.  
Dielectric Withstanding Voltage-  
250VAC for 1 Minute  
Operating Temperature-  
-25°C to +80°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	4/18/05	New Drawing	H. MA	C. Furumasa	H. MA	4/18/05

**KMDVLX-5S-N**

Mini-Din 5 position, Vertical Mount, RoHS Compliant  
thru hole, Snap and Lock Compatible,

