



PCB LAYOUT  
(TOP VIEW)

**Material and Finish**

Body: PBT Thermoplastic  
UL94V-0, Black Color

Contact: Copper Alloy, Silver Plated

Shield: Nickel Plated Iron Sheet

**Mechanical Characteristics**

Insertion Force\* - 4.5 kg Max.

Withdrawal Force\* - 0.5kg - 3.0kg

Durability Test - 1500 Cycles

**Electrical Characteristics**

Contact Current Rating-

2.0 Amp Max. @ 12V DC and 30°C

1.25 Amp Max. @ 32V DC and 30°C

1.0 Amp Max. @ 32V DC and 45°C

Contact Resistance\*

Before Durability Test:

Pin to Contact: 30 milliohms Max.

Plug Shield to Socket: 50 milliohms Max.

After Durability Test:

Pin to Contact: 60 milliohms Max.

Plug Shield to Socket: 100 milliohms Max.

Insulation Resistance-

50 Megohms Min. at 250V DC

Dielectric Withstanding Voltage-

250VAC for 1 Minute

Operating Temperature-

-25°C to +80°C

\*When used with KMDLA Series Plug



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	9/22/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	9/19/05

**KMDLX-6S**

6 Pin Mini-din, PCB Mount, RoHS Compliant

**Quick Lock Type**

