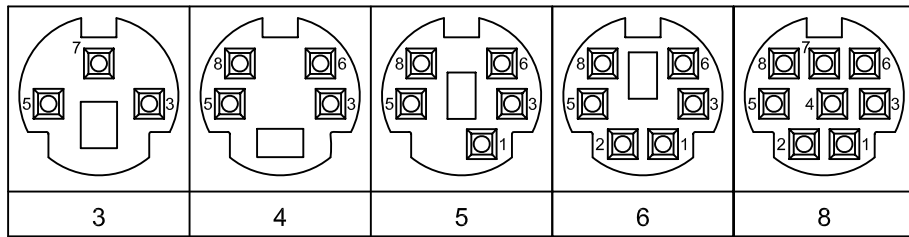


Recommended PCB Layout (Top View)

Socket Configuration (KMDLX Series)



Material and Finish

Body: PBT Thermoplastic,
UL94V-0 Rated, Color - Black
Contact: Phosphor Bronze, Silver Plated
Shield: SPCC, Tin Plated

Electrical Characteristics

Contact Current Rating-
1A Max. @ 100V AC
2A Max. @ 12V DC
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-
250V AC for 1 Minute

Operating Temperature-
-25°C to +80°C

Mechanical Characteristics

Insertion Force*- 4.5 kg Max.
Withdrawal Force*- 0.5kg - 3.0kg
Durability Test - 5000 Cycles

*When used with KMDLAX Series Plug



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	3/2/05	New Drawing	H. MA	C. Furumasu	H. MA	3/2/05
A1	9/22/05	ECO #05-046	R. Aguirre	H. MA		
A2	01/18/11	ECO #11-003	S. Vien	H. MA		

KMDLX-xS-AS

Mini-DIN, 4-Sided Shield
Snap & Lock, RoHS Compliant

