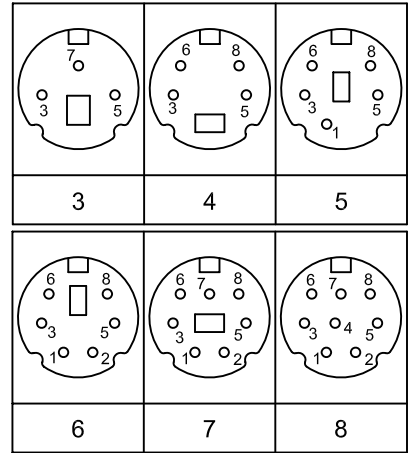


KMDLAX Series



Plug Configuration (KMDLAX Series)



Material and Finish

- Plastic Body- ABS, UL94HB Rated
Black Color
- Pin Block- Nylon, UL94HB Rated
- Contact Material- Brass, Silver Plated
- Shield- Brass, Nickel Plated

Electrical Characteristics

- Contact Current Rating-
 - 2.0 Amp Max. @ 12V DC
 - 1.0 Amp Max. @ 100V AC
- 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

Mechanical Characteristics

- Insertion Force*- 4.5 Kgs max.
- Withdrawal Force*- 0.5kg - 3.0kg
- Durability Test - 1500 Cycles
- Operating Temperature-
-25°C to +80°C

*When used with KMDLX Series Jack

Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated Otherwise



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	9/6/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	8/16/05
A2	9/22/05	ECO #05-046	R. Aguirre	H. MA		
A3	9/13/06	ECO #06-039	R. Aguirre	H. MA		
A4	09/07/11	ECO #11-060	S. Vien	H. MA		
					UNITS	
					mm	

KMDLAX-xP

X = # of Contacts

Mini-DIN Plug, RoHS Compliant

Snap and Lock Type

