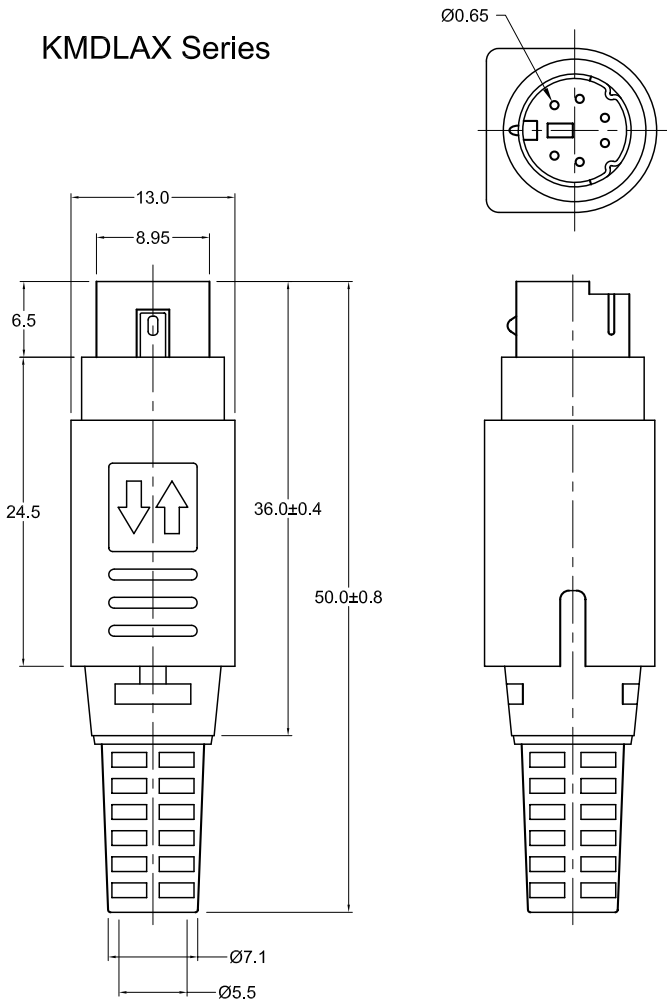


# KMDLAX Series



## Material And Finish

- Insert- Nylon, Black Color  
UL94V-2 Rated
- Plastic Shell- ABS, UL94HB Rated
- Contact Material- Brass, 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.

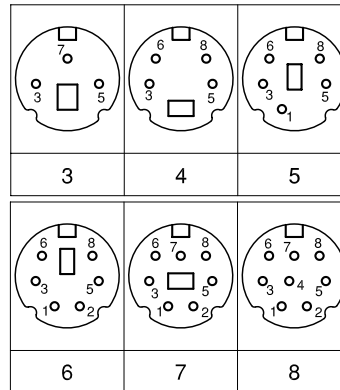
- Insulation Resistance-  
50 Megohms Min. at 250V DC

- Dielectric Withstanding Voltage-  
250VAC for 1 Minute

- Operating Temperature-  
-25°C to +80°C

\*When used with KMDL Series Jack

### Plug Configuration (KMDLAX Series)



**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	9/6/05	New Drawing	R. Aguilre	H. MA	R. Aguirre	8/16/05
A2	9/22/05	ECO #05-046	R. Aguilre	H. MA		
A3	9/13/06	ECO #06-039	R. Aguilre	H. MA		

**KMDLAX-xP**  
X = # of Contacts

Mini-DIN Plug, RoHS Compliant  
Snap and Lock Type

