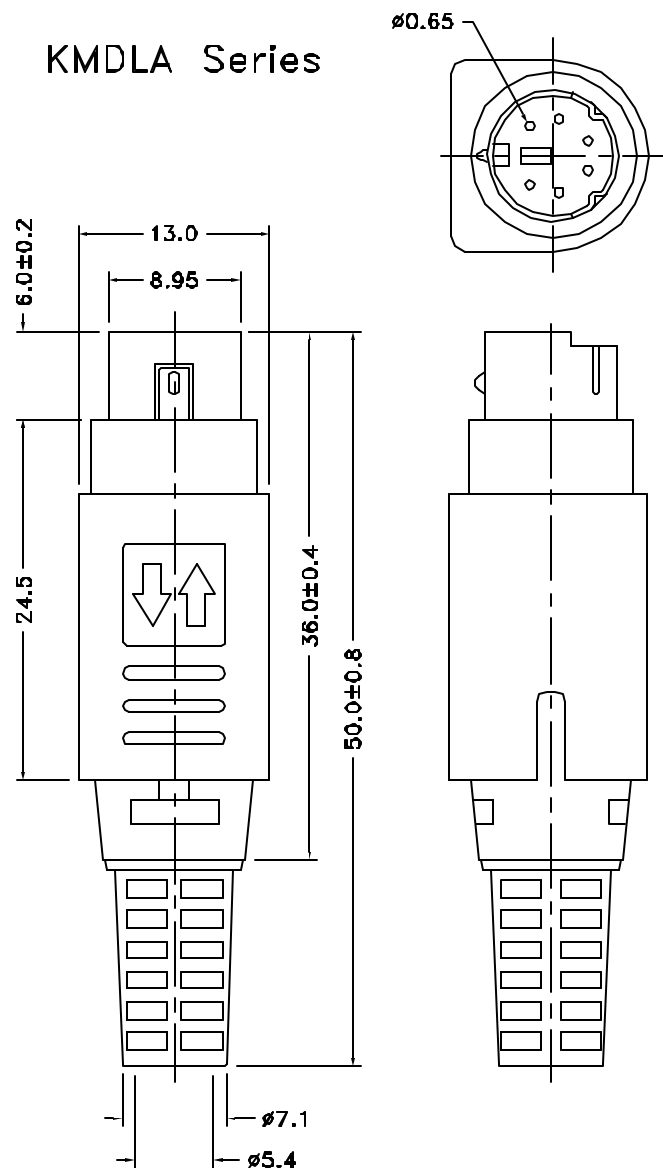
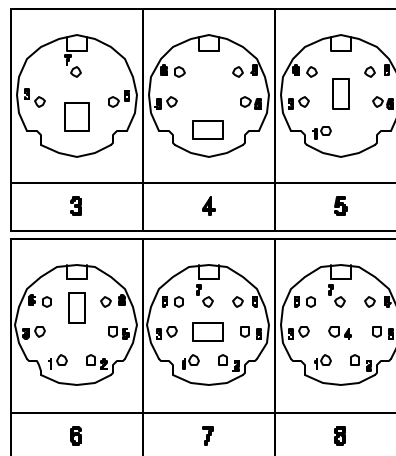


KMDLA Series**Plug Configuration (KMDLA Series)****Material And Finish**

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

CSA NRTL/C Certified File No. LR7B160

REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
A	5/19/97	New Drawing	C. Leiva	H. MA	mm
A1	11/10/04	ECO# 04-061	R. Aguirre	CHECK DATE	DATE
A2	09/21/05	ECO# 05-046	R. Aguirre	9/22/05	5/16/97

KMDLA-xP

X = # of Contacts

Mini-DIN Plug

Snap and Lock Type

