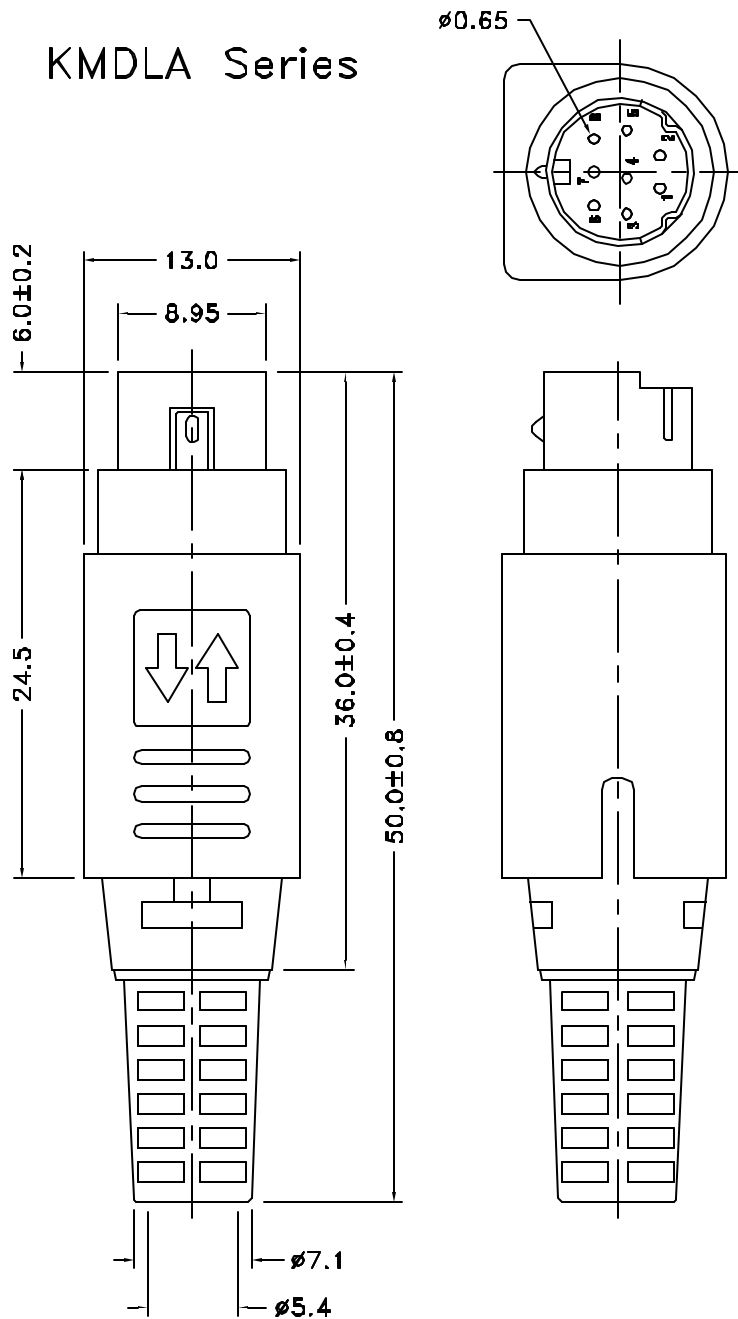


# KMDLA Series



## Material And Finish

Insert- Nylon, Black Color  
UL94V-2 Rated

Plastic Shell- ABS, UL94HB Rated

Contact Material- Brass, 30u Gold 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. LR78160

REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
A	11/18/98	New Drawing	K. Wallace	H. MA	mm
A1	11/10/04	ECD# 04-061	CHECKED BY	CHECK DATE	DATE
A2	09/21/05	ECD# 05-046	R. Aguirre	9/22/05	11/18/98

KMDLA-8P-G30

Mini-DIN Plug-8 position

Snap and Lock Type

