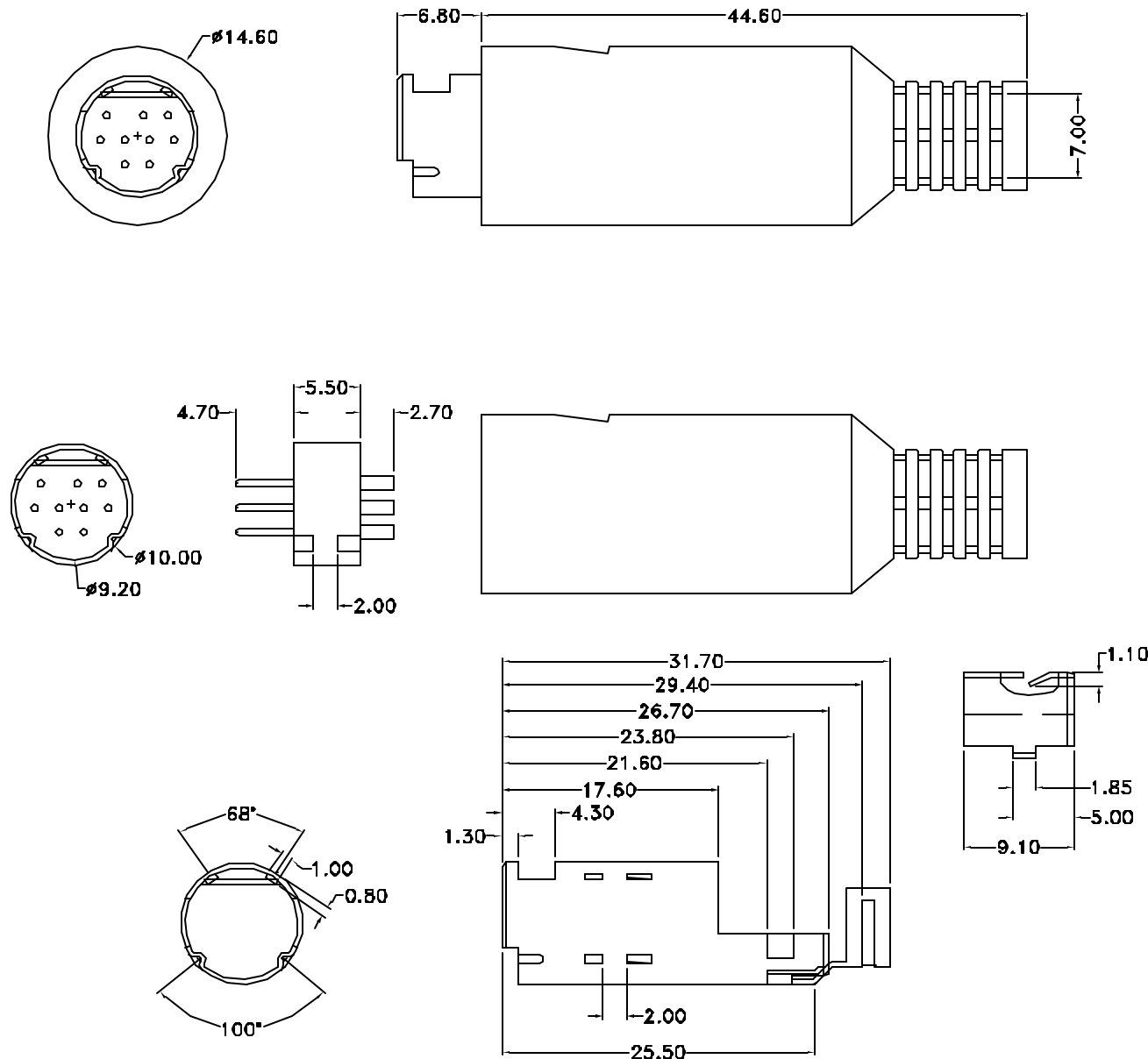




Material And Finish

Insert— Nylon Thermoplastic, Black Color
UL94V-2 Rated

Plastic Shell— PBT, UL94HB Rated

Contact Material— Brass, Silver plated

Shield— Nickel Plated Iron Sheet

Mechanical Characteristics

Insertion Force*— 0.5kg - 4.5kg

Withdrawal Force*— 0.5kg - 3.0kg

Durability Test - 1500 Cycles

* When used with Kycon KMD and
KMDG series sockets

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

Tolerances

X.X ± 0.5

X.XX ± 0.2

Unless Stated

Otherwise

CSA NRTL/C Certified File No. LR78160

REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
A2	5/22/00	Ref ECO-00-096	C. Leiva	H. MA	mm
C1	12/7/00	Ref ECO-00-210	REVISED BY	CHECK DATE	DATE
C2	07/12/05	ECO-04-064	R. Aguirre	7/12/05	11/24/97

KMDA-9P

Mini-DIN Plug

9 Position



Mouser Electronics

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