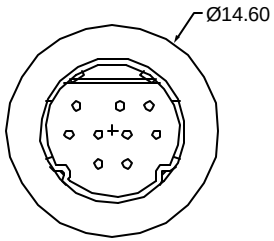
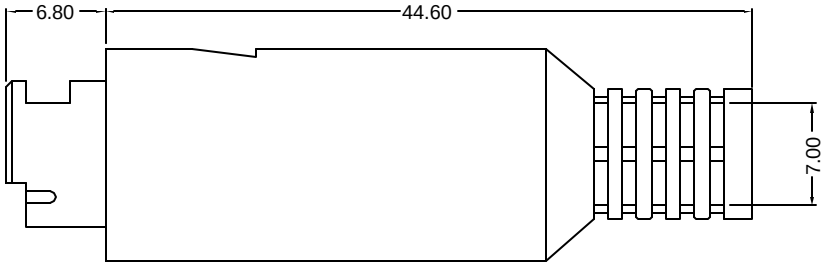
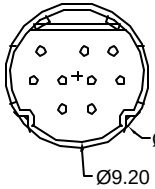
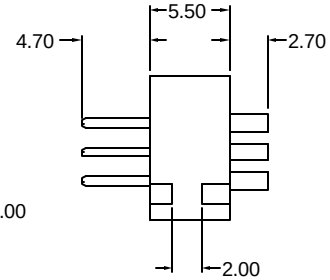
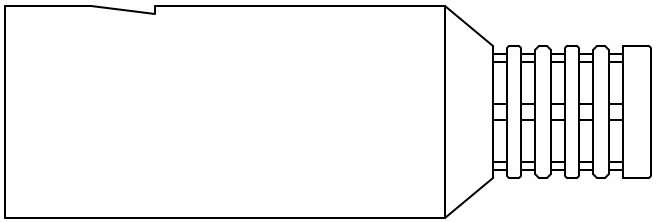
KYCON, Inc. 1810 Little Orchard Street, San Jose, CA 95125 (408)494-0330

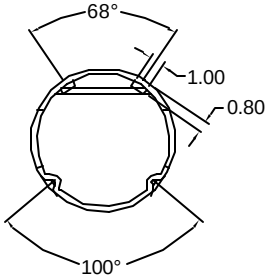


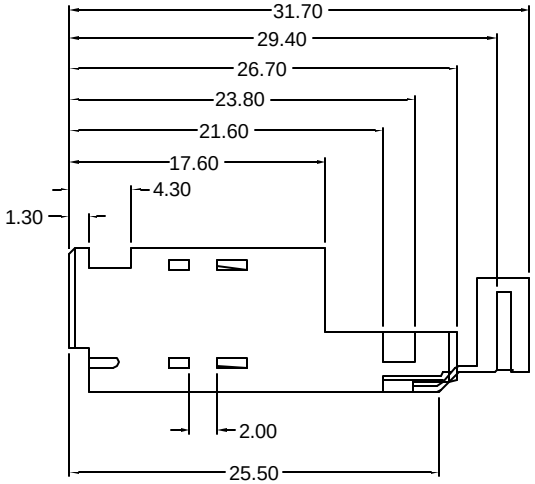


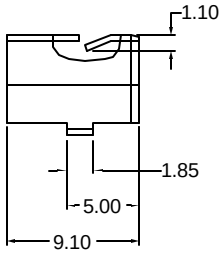












Material And Finish

Insert- Nylon Thermoplastic, Black Color
UL94V-2 Rated

Plastic Shell- ABS, 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

RoHS COMPLIANT
EU Directive 2002/95/EC

C US
LR78160

Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	8/11/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	06/27/05
						UNITS
						mm

KMDAX-9P

Mini-DIN Plug ,RoHS Compliant

9 position plug

KYCON