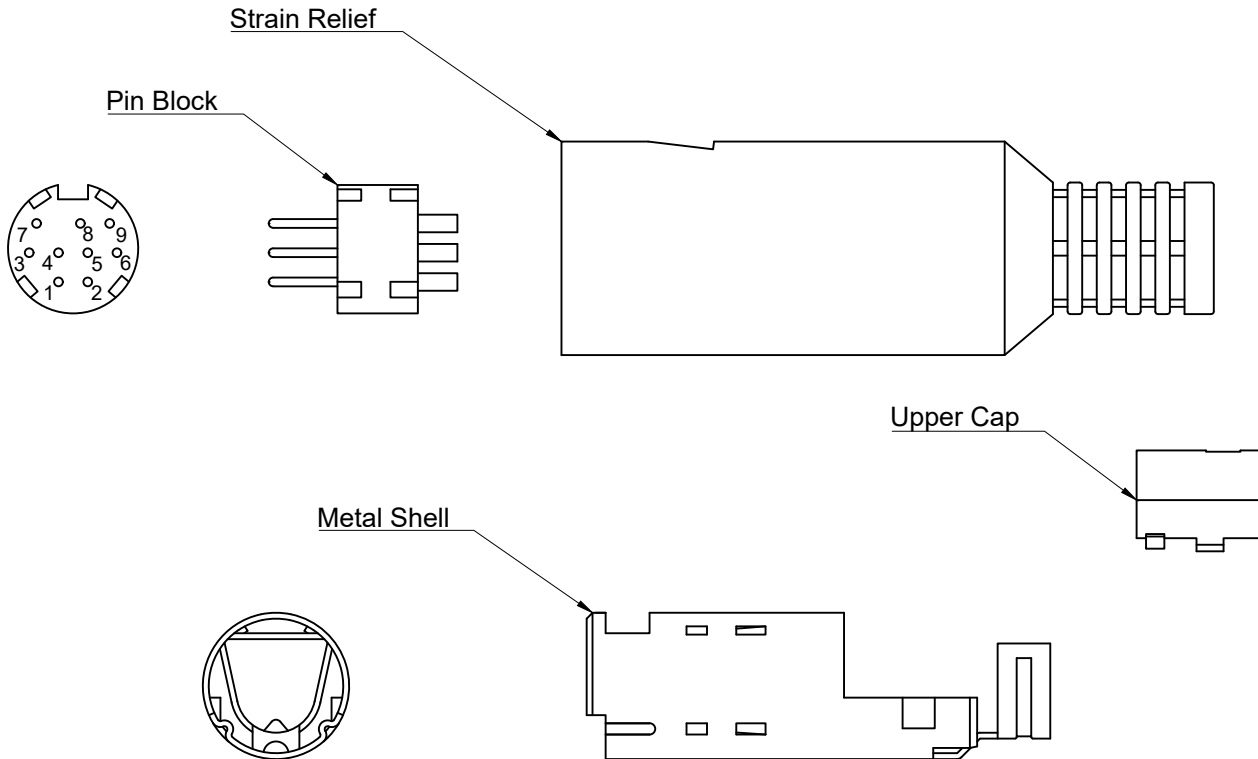
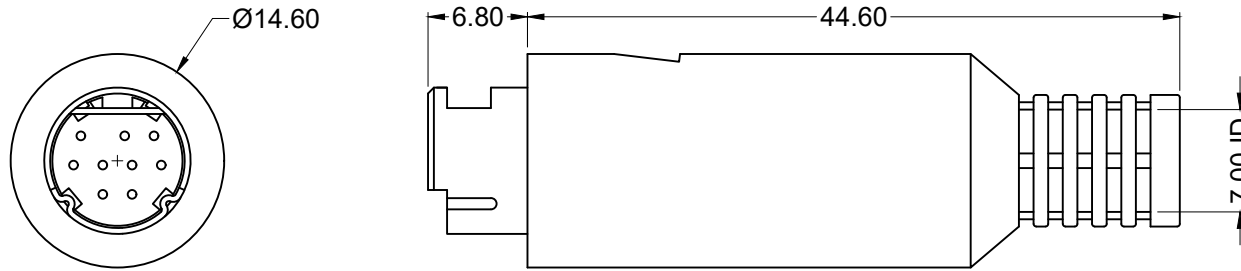




Material And Finish

Insert- PBT Thermoplastic, Black Color
UL94V-0 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 KMDGX 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 ± 0.25

X.XX ± 0.15

Unless Stated

Otherwise

RoHS COMPLIANT

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
A2	05/14/14	Add Pin Numbers	C. Kelleher	P. DalCanto		
A3	06/18/14	ECO # 14-036	C. Kelleher	P. DalCanto		
A4	07/20/15	Correct pin number	H. MA	W. Cook		
A5	02/14/19	ECO #19-014	G. Serrato	D. Shehan		
A6	05/24/24	ECO #24-014	C. Kelleher	C. Kelleher		

KMDAX-9P

Mini-DIN Plug ,RoHS Compliant

9 position plug

