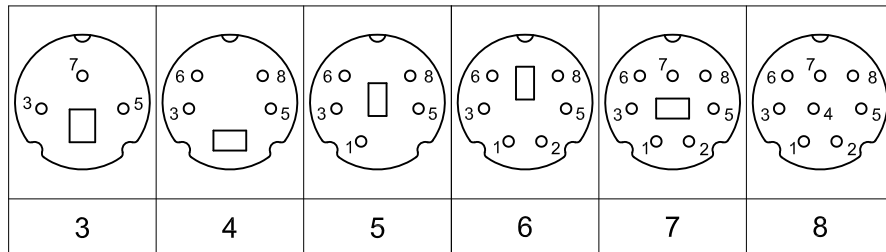


Plug Configuration (KMDA Series)



Materials and Finish

Insert: Nylon Thermoplastic
 UL 94V-2 Rated, Black Color
 Plastic Shell: ABS, UL 94-HB Rated
 Contact Material: Brass, Silver Plated
 Shield: Nickel Plated Iron Sheet

Electrical Characteristics

Contact Current Rating:
 2.0A Max. @12V DC and 30°C
 1.25A Max. @32V DC and 30°C
 1.0A 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:
 250V AC for 1 Minute

Mechanical Characteristics

Insertion Force*: 0.5kg - 4.5kg
 Withdrawal Force*: 0.5kg - 3.0kg
 Durability: 1500 Mating Cycles
 Operating Temperature:
 -25°C to +80°C

* When used with Kycon KMD and KMDG Series Sockets

RoHS COMPLIANT

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	08/11/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	06/28/05
A2	07/15/13	Clean Up Drawing	D. Gih	P. DalCanto		
A3	04/11/18	Update Address & RoHS Logo	J. Elbanna	C. Furumasu		
A4	02/14/19	ECO #19-014	G. Serrato	D. Shehan		
A5	08/06/20	ECO #20-022	G. Serrato	D. Shehan		

KMDAX-xP
 x = No. of positions

Mini-DIN Plug
RoHS Compliant

