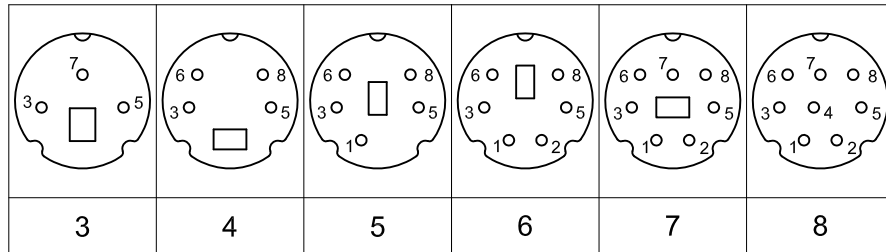




Plug Configuration (KMDA Series)



**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



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		

**KMDAX-xP**  
 x = No. of positions

**Mini-DIN Plug**  
**RoHS Compliant**



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Circular DIN Connectors](#) category:*

*Click to view products by [Kycon](#) manufacturer:*

Other Similar products are found below :

[60KD4M](#) [CTVP00RW-19-32S\(506\)](#) [M83723/76W22326](#) [M83723/78R22327](#) [D38999/26FE99SN L/C](#) [75-069228-21J](#) [7547401103P](#) [75-474014-07L](#) [88-559975-75P](#) [8R3006A18M0033](#) [PT02E1283P](#) [GTC00G-24-7S](#) [PT05A-14-5SX](#) [PT05A1832SW](#) [PT05E2255PW](#) [PT05SE1832SWLC](#) [PT05SE1832SYLC](#) [GTC030-20-27PW-LC](#) [GTC030A-20-33S](#) [PT06SE1811SXLC](#) [1211290078](#) [1211810025](#) [1210120122](#) [ACC06AF-20-23P\(003\)](#) [1210503216](#) [1211290084](#) [1211500027](#) [ACS06AF-16-10P\(003\)](#) [D38999/40FB35AN](#) [D38999/40FB35BB](#) [D38999/40WB35BN](#) [D38999/40WD35PN](#) [D38999/40WJ29SN-L/C](#) [D38999/40WJ4BN](#) [D38999/42FB35BN](#) [D38999/42WB35AB](#) [D38999/42WB35PB-L/C](#) [D38999/42WJ19AN](#) [D38999/42WJ24PN-L/C](#) [D38999/44WB35AN](#) [D38999/44WH21AN](#) [D38999/44WH35AN](#) [D38999/44WJ29BA](#) [D38999/44WJ35PN](#) [D38999/44WJ61BA](#) [D38999/46FB35AC](#) [D38999/46FB35BN](#) [D38999/46FB35SA-L/C](#) [D38999/46FB99BA](#) [D38999/46FB99BN](#)