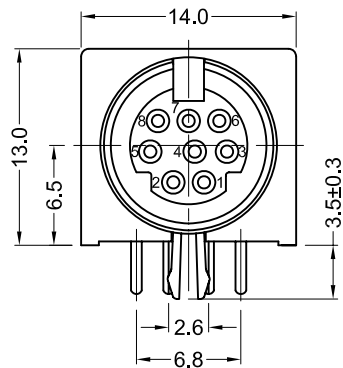
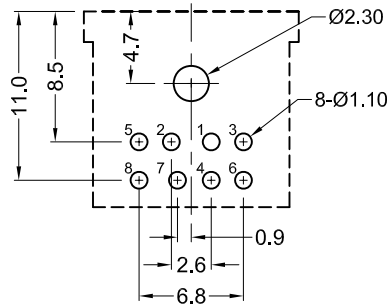
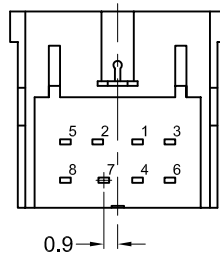
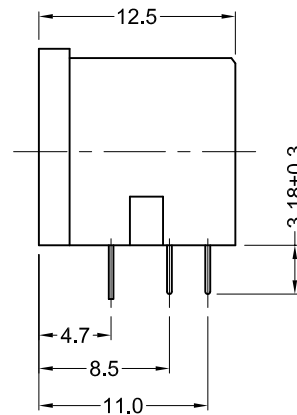


KMDGX-8S-N
(8 position)Recommended PCB Layout
(Bottom View)**Material and Finish**Body: PBT Thermoplastic,
UL94V-0 Rated, BlackContacts: Copper Alloy
Gold Flash Plated on contact area,
Tin on Termination,
all over Nickel Underplate**Electrical Characteristics**Contact Resistance:
Before Test:
Plug to Terminals: 30 Milliohms Max.
After Test:
Plug to Terminals: 60 Milliohms Max.Insulation Resistance:
500 Megohms Min. at 500 VDCDielectric Withstanding Voltage:
500V AC RMS For 1 MinuteCurrent Rating:
2 A at 12V DC**Mechanical Characteristics**Durability Test: 500 Cycles Min.
Insertion Force: 4.5kg max.
Extraction Force: 0.4kg - 3.5kg
Operating Temperature: -25°C to +85°C

KMDGX-3S-N (3 position)	KMDGX-4S-N (4 position)	KMDGX-5S-N (5 position)	KMDGX-6S-N (6 position)	KMDGX-7S-N (7 position)

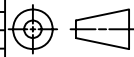
Recommended PCB Layouts (Bottom View)

RoHS COMPLIANT
EU Directive 2002/95/EC

Tolerances

X.X ± 0.35
X.XX ± 0.25
Unless Stated
Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	3/23/05	New Drawing	H. MA	C. Furumasu	H. MA	3/18/05
A1	8/23/05	change current rating	R. Aguilre	H. MA		
B1	08/27/08	ECO# 08-065	S. Vien	H. MA		
B2	05/11/10	ECO #10-026	S. Vien	H. MA		
B3	01/20/12	Release Drawing	H. MA	N/A		

**KMDGX-xS-N**

Circular Mini-DIN, Gold Flash Contacts

Non-shielded, RoHS Compliant



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Kycon:](#)

[KMDGX-7S-N](#)