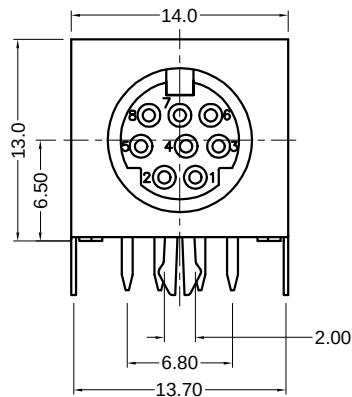
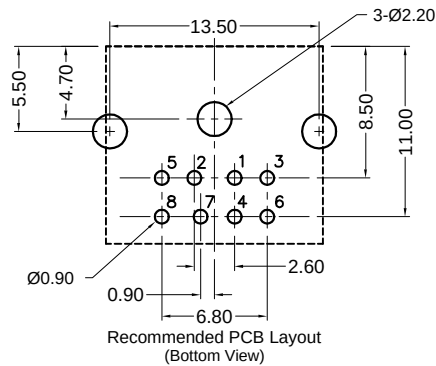
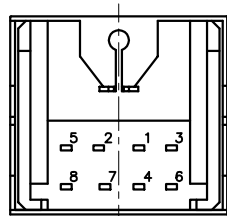
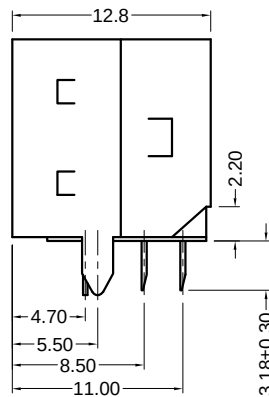




8 Position

Recommended PCB Layout
(Bottom View)**Material and Finish**

Body: PBT Thermoplastic,
UL94V-0 Rated, Black

Contacts: Phosphor Bronze
Gold Flash or 30u"
Gold on Contact Area,
Tin/Lead on Termination,
all over Nickel Underplate

Shield: Brass, Tin/Lead Plated

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 VDC

Dielectric Withstanding Voltage:

500V AC RMS For 1 Minute

Current Rating:

2 Amp at 12V DC Max.

Mechanical Characteristics

Durability Test: 500 Cycles Min.

Insertion Force: 4.5kg max.

Extraction Force: 0.4kg - 3.5kg

Resistance To Soldering Heat: 170±5°C
for 5±1 Seconds

Operating Temperature: -25°C to +85°C

Part Number	t _{gold}
KMDG-3S-BS	Flash
KMDG-3S-BS30	30u"
KMDG-4S-BS	Flash
KMDG-4S-BS30	30u"
KMDG-5S-BS	Flash
KMDG-5S-BS30	30u"
KMDG-6S-BS	Flash
KMDG-6S-BS30	30u"
KMDG-7S-BS	Flash
KMDG-7S-BS30	30u"
KMDG-8S-BS	Flash
KMDG-8S-BS30	30u"

Ordering Information

KMDG	-	8	-	S	-	BS
Series		# of Contacts		Contact Type		Shielding Options

3 Position	4 Position	5 Position	6 Position	7 Position

Recommended PCB Layouts (Bottom View) see above for 8 pos.



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

REVISION	DATE	DESCRIPTION	DRAWN BY	REV CHECK BY	UNITS	KMDG-xS-BS x = Number of Contacts	Circular Mini-DIN, Gold Flash Contacts	
A3	4/2/01	ECD #01-042	K. Wallace	T. Gokcek	mm		Fully Shielded	
A4	3/1/02	ECD #02-028	REVISED BY	REV CHECK DATE	DATE			
A5	5/30/03	ECD #02-062	C. Leiva	6/9/03	4/1/98			

Mouser Electronics

Authorized Distributor

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

[Kycon:](#)

[KMDG-8S-BS](#) [KMDG-5S-BS](#) [KMDG-4S-BS](#) [KMDG-7S-BS](#) [KMDG-3S-BS](#) [KMDG-6S-BS](#)