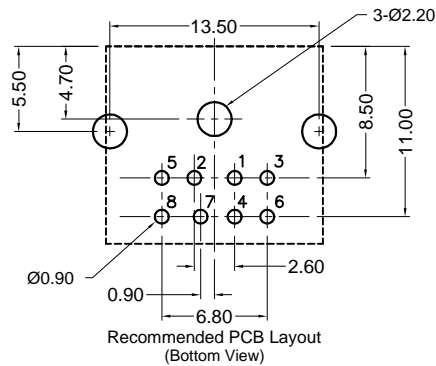
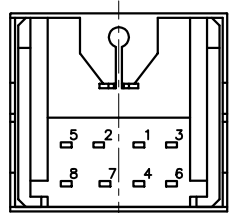
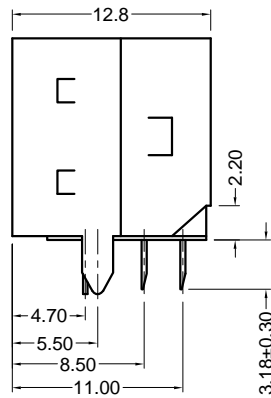


8 Position



**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**

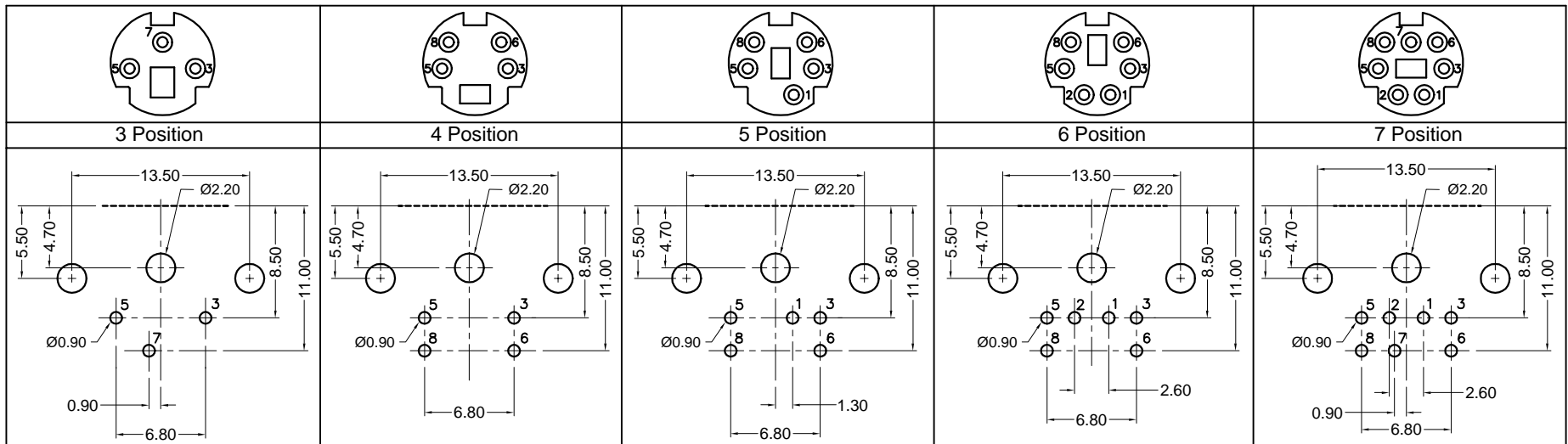
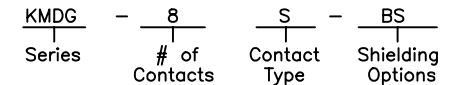
Contact Resistance:  
Before Test:  
Plug to Terminals: 30 Milliohms Max.  
After Test:  
Plug to Terminals: 60 Milliohms Max.  
Insulation Resistance:  
500 Megohms Min. at 500 VDC  
Dielectric Withstanding Voltage:  
500V AC RMS For 1 Minute  
Current Rating:  
2 Amp at 12V DC Max.

**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**



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
A3	4/2/01	ECD #01-042	K. Wallace	T. Gokcek	mm
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

KMDG-xS-BS  
x = Number of Contacts

Circular Mini-DIN, Gold Flash Contacts

Fully Shielded



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[M83723/72R1203N](#) [M83723/72W20418](#) [M83723/72W22126](#) [M83723/72W22556](#) [M83723/72W2419N](#) [M83723/72W2461N](#)  
[M83723/73R2028N](#) [M83723/73R2039N](#) [M83723/73W1412N](#) [M83723/73W2039N](#) [M83723/74R1624N](#) [M83723/74R1808N](#)  
[M83723/74R2212N](#) [M83723/74W1203N](#) [M83723/74W1412N](#) [M83723/74W20416](#) [M83723/74W2041N](#) [M83723/75R10058](#)  
[M83723/75W2232N](#) [M83723/76R14157](#) [M83723/76R20256](#) [M83723/76W1808N](#) [M83723/76W2016N](#) [M83723/76W2461N](#)  
[M83723/77W2016N](#) [M83723/78R22327](#) [M83723/78W2212N](#) [M83723/78W22556](#) [M85049/50-5F](#) [D38999/20FF11AC](#) [D38999/20FJ20BB](#)  
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