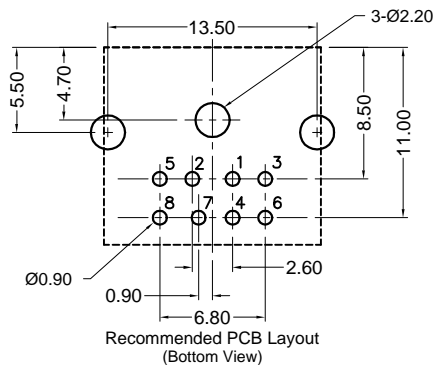
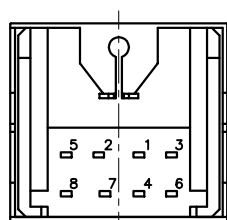
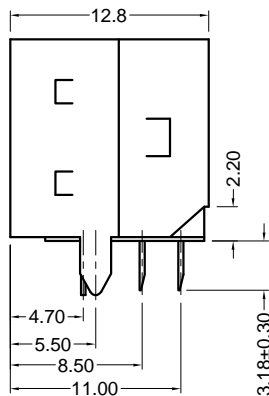


8 Position



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

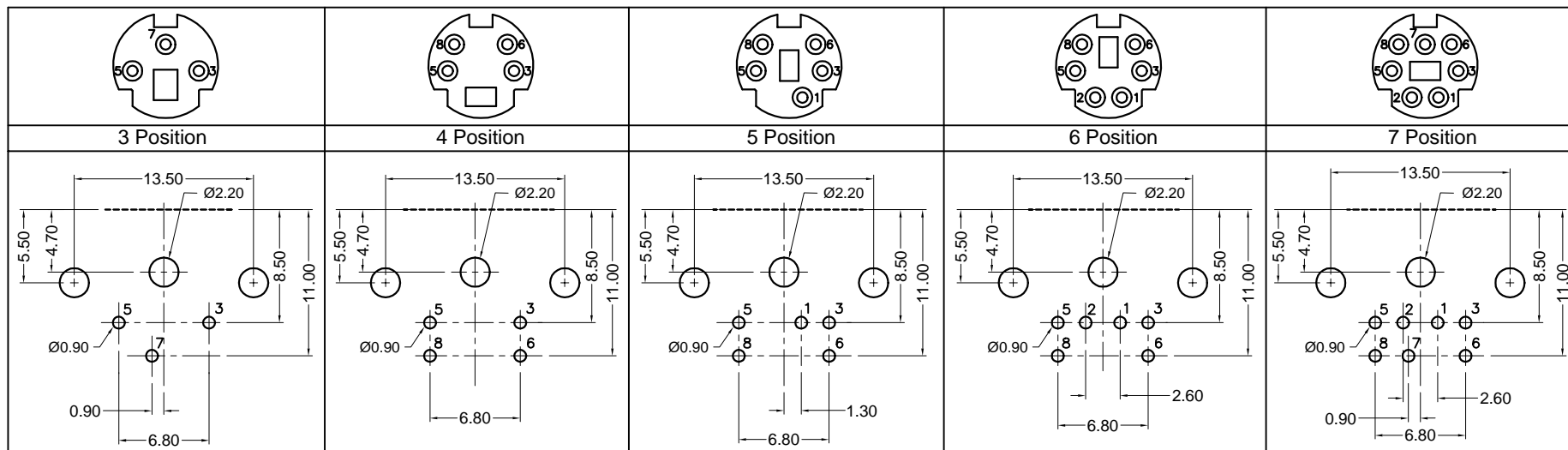
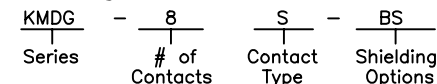
Contact Resistance:
Before Test:
Plug to Terminals: 30 Milliohms Max.
After Test:
Plug to Terminals: 60 Milliohms Max.
Insulation Resistance:
500 Megohms Min. at 500 VDC
Dielectric Withstanding Voltage:
500V AC RMS For 1 Minute
Current Rating:
2 Amp at 12V DC Max.

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

