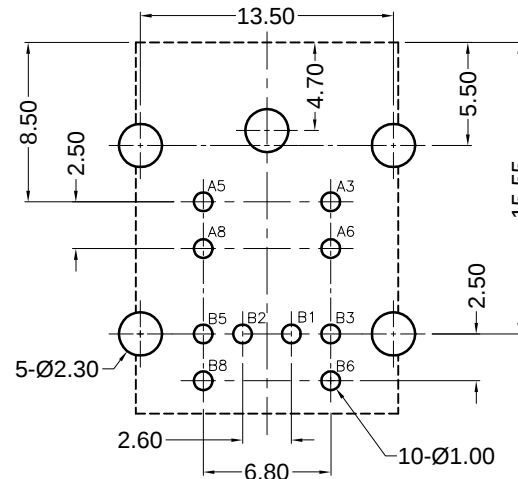
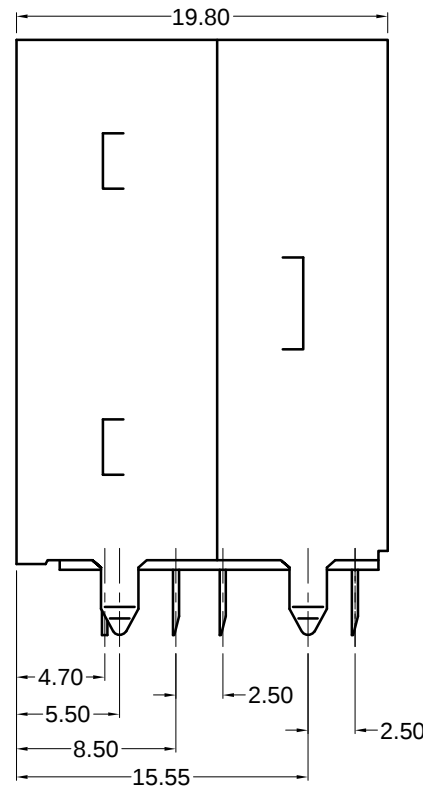
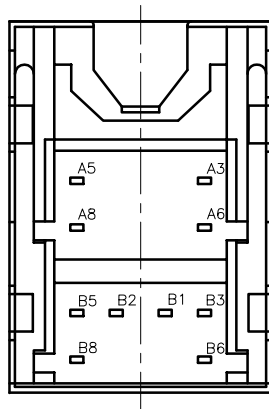
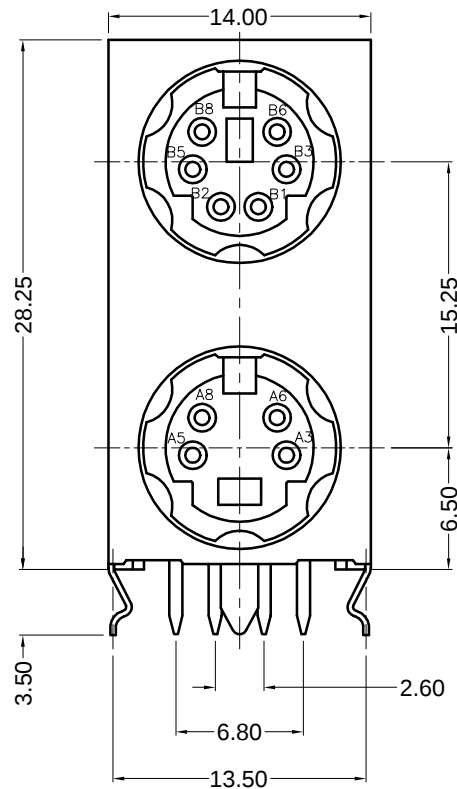




Recommended PCB Layout
(Bottom View)

Material and Finish

Body: PBT Thermoplastic,
UL94V-0 Rated, Black

Contacts: Phosphor Bronze

Contact Plating: Gold Flash
on Contacts, 120u" Tin/Lead
on Termination, all over
50u" min. Nickel

Shield: Brass,
120u" Tin/Lead Plated over
50u" min. Copper

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.

Dielectric Withstanding Voltage:

500V AC RMS For 1 Minute

Current Rating:

1 Amp 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

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

CSA NRTL/C Certified File No. LR78160

REVISION	DATE	DESCRIPTION	DRAWN BY	REV CHECK BY	UNITS
A	3/3/98	New Drawing	C. Leiva	T. Gokcek	mm
A1	7/6/01	ref. ECO #01-042	REVISED BY	REV CHECK DATE	DATE
A2	5/19/03	ref. ECO #02-062	C. Leiva	6/6/03	3/3/98

KMDG-6S/4S-S4N

Stacked Mini-Din, 6/4

Fully Shielded, Gold Contacts



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