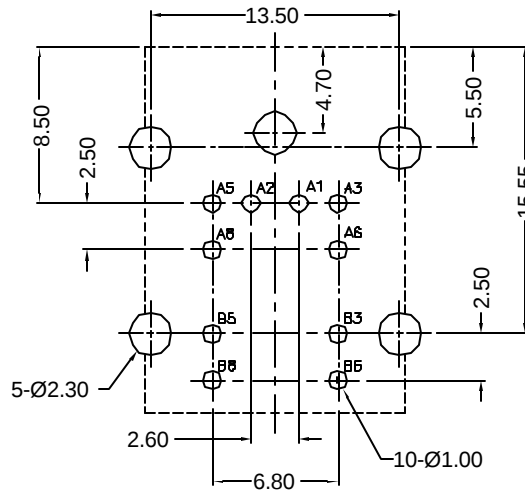
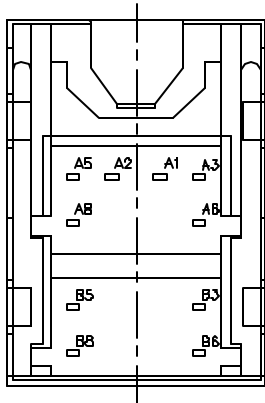
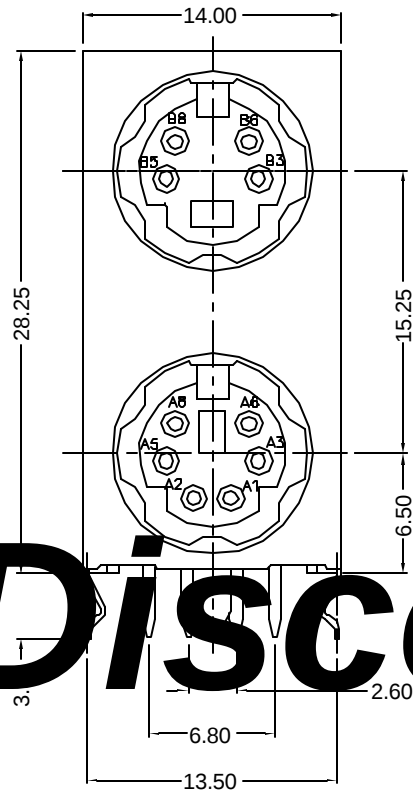




Recommended PCB Layout
(Bottom View)

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:

Plug to Terminals: 30 Ohms Max.
Termination: 30 Ohms Max.

Plug to Terminals: 1 Milliohm 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	KMDG-4S/6S-S4N	Stacked Mini-DIn, 4/6	Fully Shielded, Gold Contacts	
A1	7/6/01	ref. ECO #01-042	K. Wallace	H. MA	mm				
A2	5/16/03	ref. ECO #02-062	REVISION BY	REV CHECK DATE	DATE				
A3	12/08/04	ECO #04-070	R. Aguirre	12/8/04	3/25/98				

Mouser Electronics

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