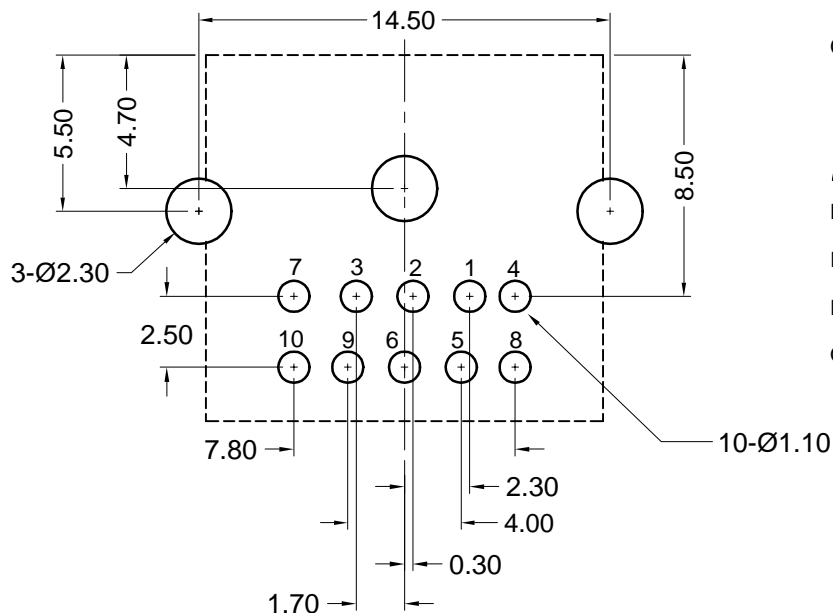


Recommended PCB Layout
(Bottom View)



Material and Finish

Body: PBT Thermoplastic,
UL94V-0 Rated, Black

Contact Material:
Phosphor Bronze

Contact Plating:
Gold Flash on Contact Area
Tin/Lead on Termination,
Both over Nickel underplate

Shield: Brass, Tin Plated

Electrical Characteristics

Contact Resistance:
Before Durability Test:
Plug to Terminals: 30 Milliohms Max.

After Durability Test:
Plug to Terminals: 60 Milliohms Max.

Insulation Resistance:
500 Megohms Min.

Dielectric Withstanding Voltage:
500V AC RMS For 1 Minute

Contact Current Rating:
1 Amp at 12V DC

Mechanical Characteristics

Durability Test: 500 Cycles Min. with test plug

Insertion Force: 4.5kg max.

Extraction Force: 0.4kg - 3.5kg

Operating Temperature: -25°C to +85°C

REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
A1	7/16/01	rev. dimensions	H. MA	C. Leiva	mm
A2	10/30/01	Release DWG	REVISED BY	REV CHECK BY	DATE
A3	5/22/03	ECD #02-062	C. Leiva	T. Gokcek	6/25/01

KMDG-10S-BS

10 pos. Mini-DIN, Fully Shielded

Center Board Lock, Gold Flash Contacts



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



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