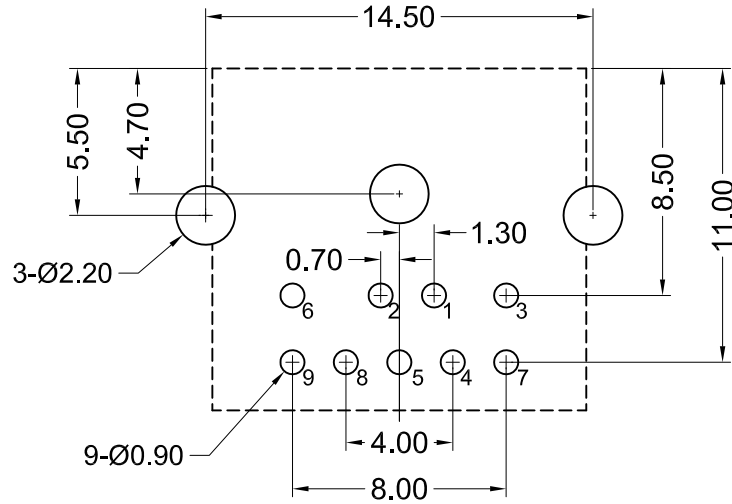
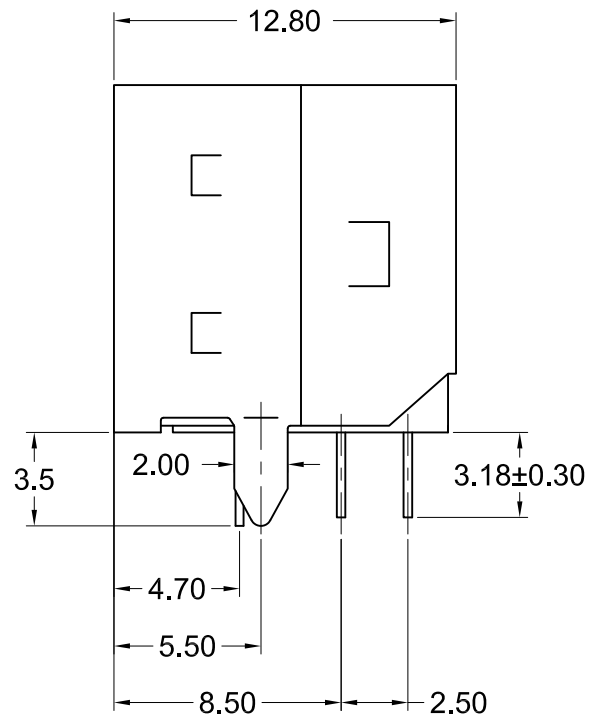
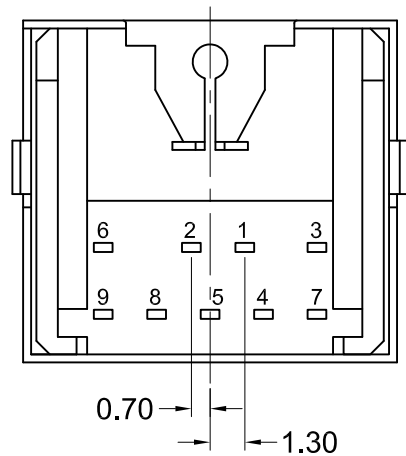
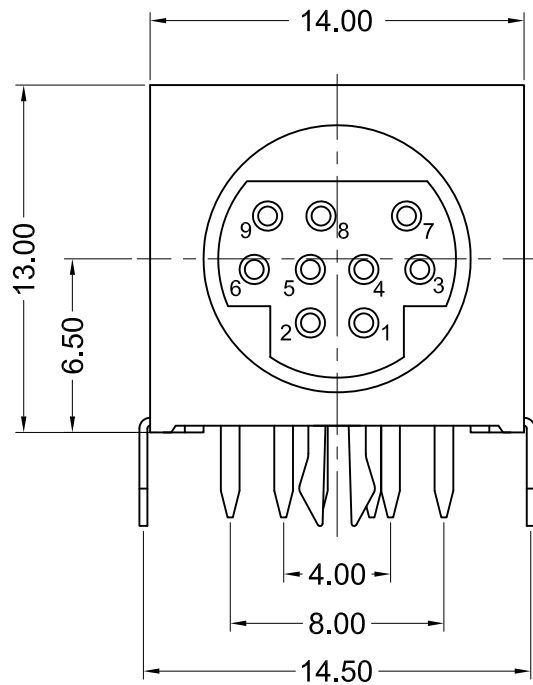




Recommended PCB Layout
(Bottom View)

Material and Finish

Body: PBT Thermoplastic,
Color: Black

Contact Material: Phosphor Bronze

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

Shield: Brass,
Nickel 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.

Dielectric Withstanding Voltage:
500V AC RMS For 1 Minute

Current Rating:
12V DC 2A Max

Mechanical Characteristics

Durability Test: 500 Cycles Min.

Insertion Force: 4.5kg max.

Extraction Force: 0.4kg - 3.5kg

Operating Temperature: -25°C to +80°C

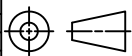
RoHS COMPLIANT

cULus
E140125

CS
LR78160

Tolerances
X.X ± 0.35
X.XX ± 0.25
Unless Stated
Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	01/13/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	08/02/05
A2	10/16/08	ECO# 08-085	S. Vien	H. MA		
A3	06/16/14	ECO #14-021	D. Gih	H. MA		
A4	06/24/14	ECO #14-035	W. Cook	H. MA		
A5	04/11/18	Update Address	J. Elbanna	C. Furumasu		



KMDGX-9S-BS

9 pos. Mini-DIN, Fully Shielded, RoHS Compliant

Center Board Lock, Gold Flash Contacts

