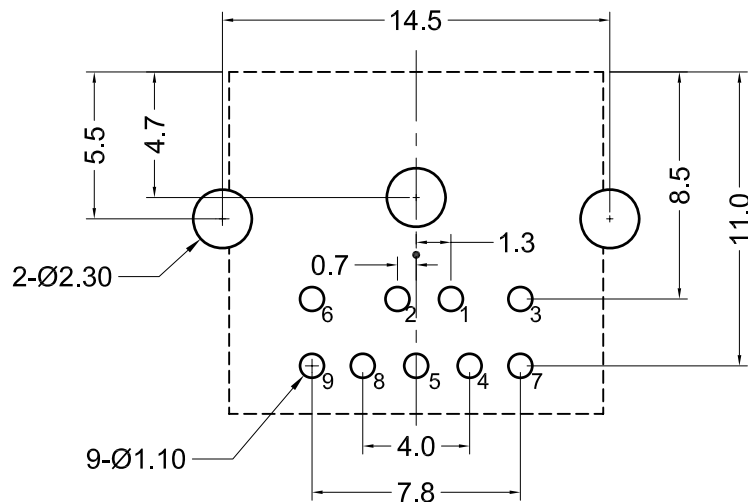
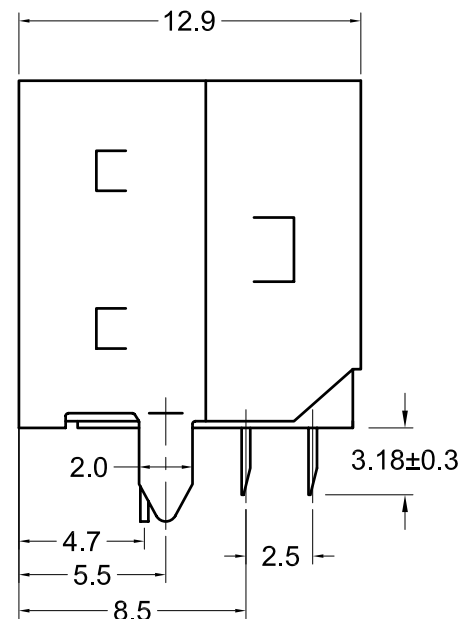
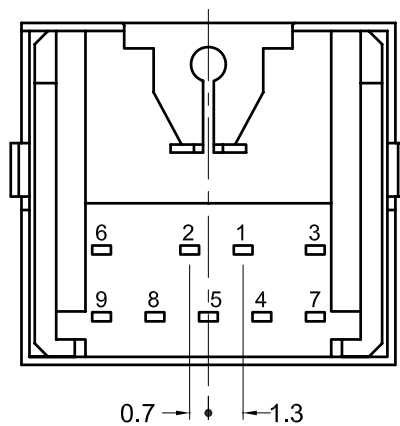
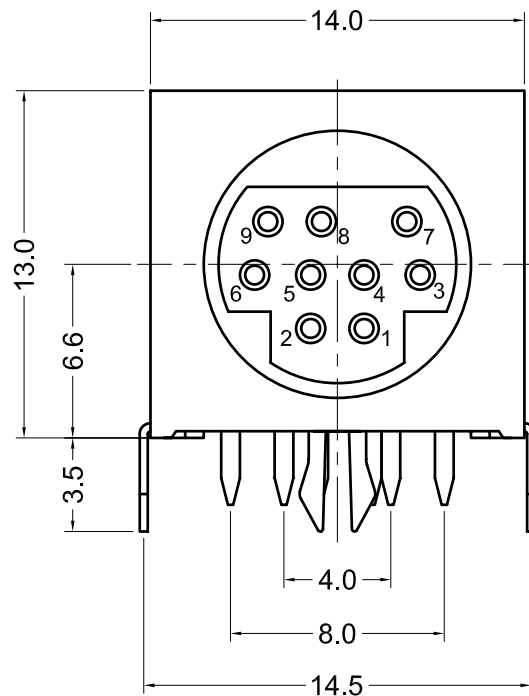




Recommended PCB Layout
(Bottom View)

Material and Finish

Body: High Temp. Thermoplastic,
UL94V-0 Rated, 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:
100V AC 1A Max
12V DC 1A Max

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

RoHS COMPLIANT
EU Directive 2002/95/EC



Tolerances	
X.X ± 0.3	
X.XX ± 0.15	
Unless Stated	
Otherwise	

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	9/7/06	New Drawing	H. MA	C.Furumasu	H. MA	9/7/06
B1	2/22/08	ECO #08-003	WILL H.	H. MA		

KMDGXHT-9S-BS

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

Center Board Lock, Gold Flash Contacts, High Temp.



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