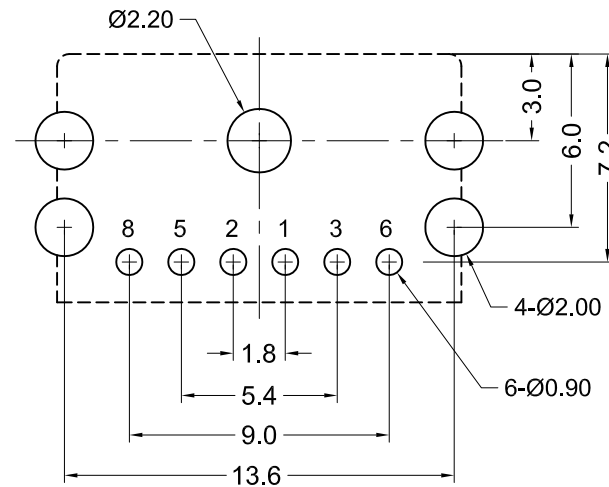
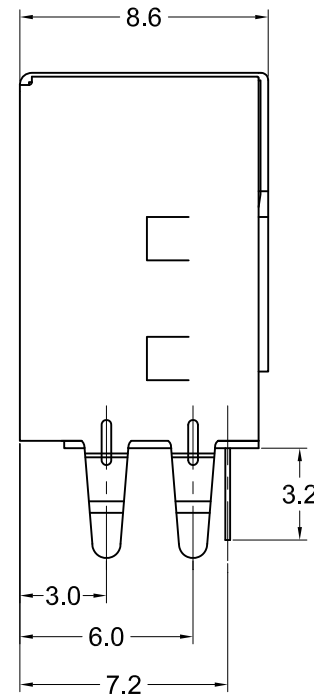
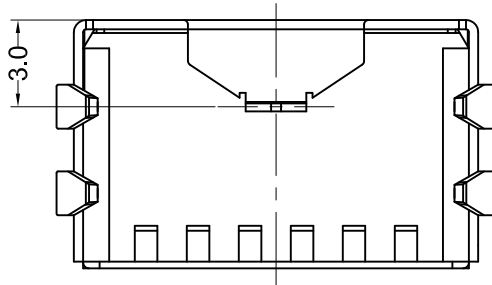
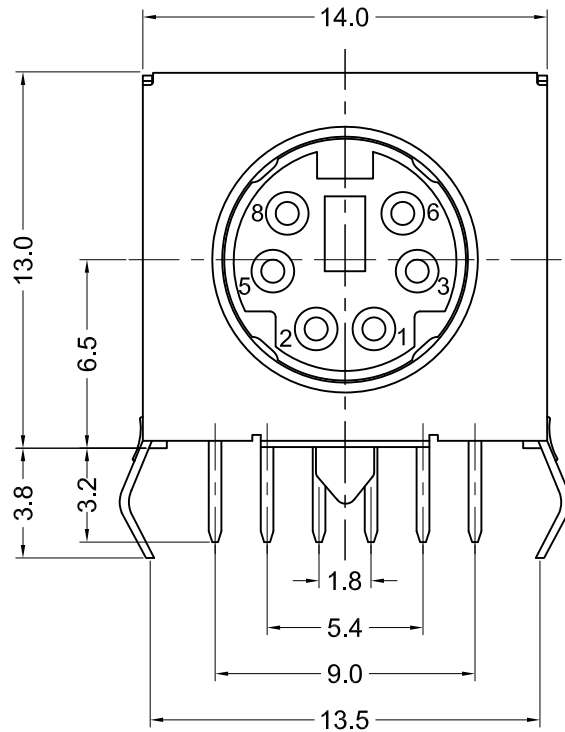


Recommended PCB Layout
(Bottom View)

Material and Finish

Body: High Temperature
Thermoplastic,
UL94V-0 Rated, Black

Contacts: Phosphor Bronze,
Gold Flash over Nickel on Contacts,
Tin over Nickel on Termination

Shield: SPCC, Nickel Plated

Electrical Characteristics

Contact Resistance:

Before Test:

Plug to Shield: 50 Milliohms Max.

Plug to Terminals: 30 Milliohms Max.

After Test:

Plug to Shield: 100 Milliohms Max.

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 18V DC

Mechanical Characteristics

Durability Test: 500 Cycles Min.

Insertion Force: 0.5kg - 4.5kg

Extraction Force: 0.4kg - 3.5kg

Operating Temperature: -25°C to +70°C

Tolerances

X.X ± 0.3

X.XX ± 0.15

Unless Stated

Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	08/09/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	08/02/05
A2	09/06/05	Change shield plating	R. Aguirre	H. MA		
B1	12/30/08	ECO # 08-056	S. Vien	H. MA		
B2	01/07/13	ECO #13-001	S. Vien	P. DalCanto		
B3	06/10/14	ECO #14-021	D. Gih	H. MA		
B4	04/12/18	Update Address	J. Elbanna	C. Furumasu		

KMDTX-HT-6S-BSC

Mini-DIN, Low Profile, Right Angle, RoHS Compliant

Crimped Side Tabs, Fully Shielded

RoHS COMPLIANT**UL**
E140125**SP**
C US
LR78160