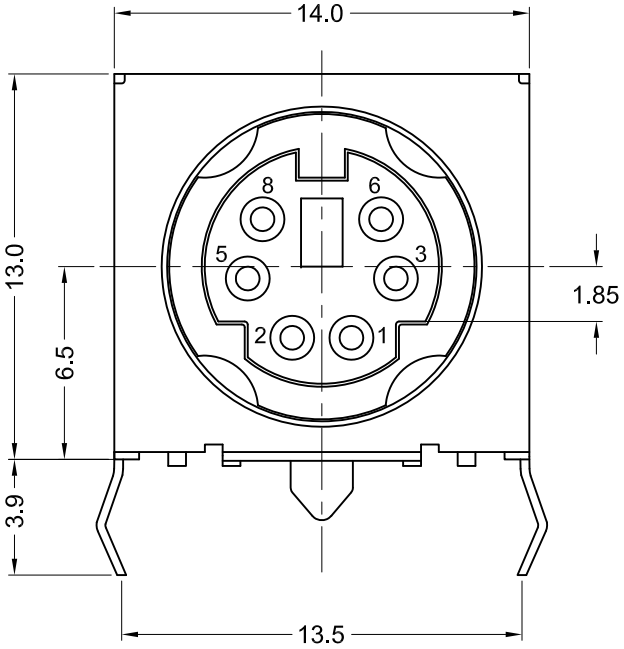
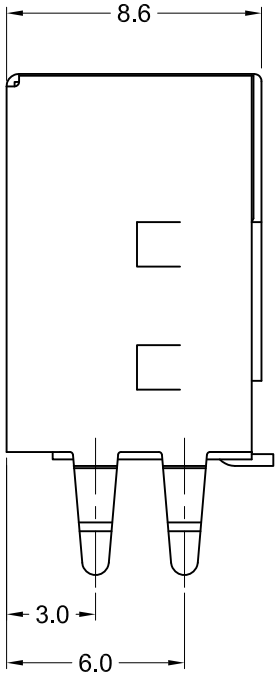
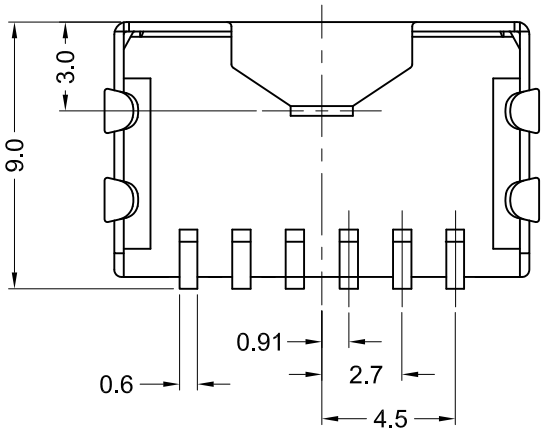
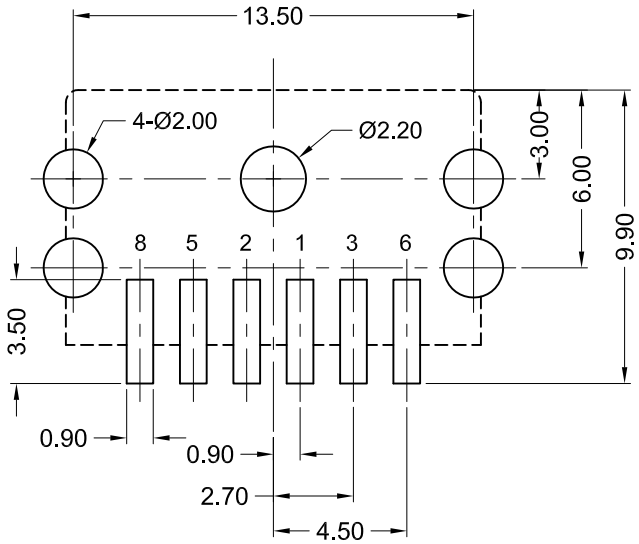
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330









Recommended PCB Layout
(Bottom View)

Material and Finish

Body: High Temp. Thermoplastic,
UL94V-0 Rated, Black,
Reflow Process Compatible

Contacts: Copper Alloy,
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

RoHS COMPLIANT

E140125

LR78160

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY
A1	09/06/05	New Drawing	R. Aguirre	H. MA
B1	02/02/10	ECO #10-003	S. Vien	H. MA
B2	06/10/14	ECO #14-021	D. Gih	H. MA
B3	04/12/18	Update Address	J. Elbanna	C. Furumasu

DRAWN BY	DATE
R. Aguirre	08/02/05
	UNITS
	mm

KMDTX-SMT-6S-BSC

Low Profile Footprint Mini-DIN, SMT Type,RoHS Compliant

Crimped Side Tabs, Gold Flash Contacts, Fully Shielded

KYCON