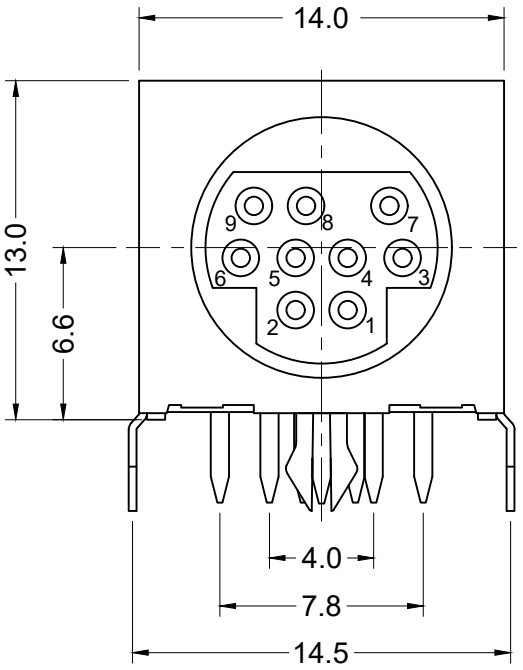
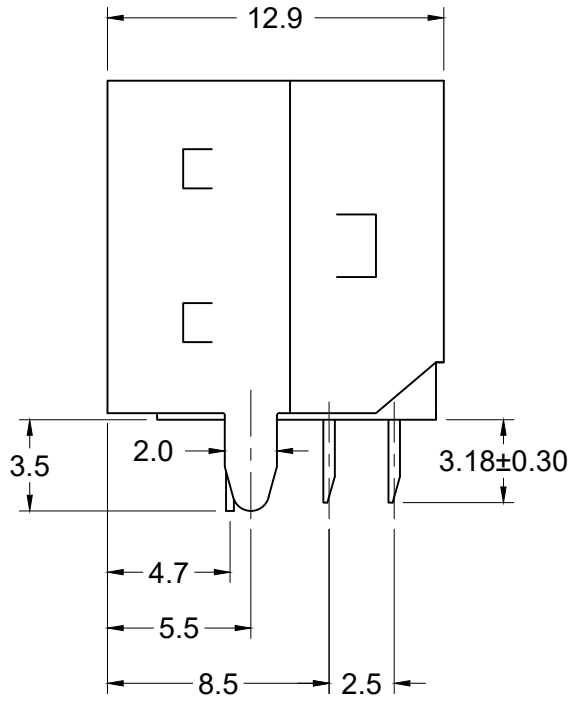
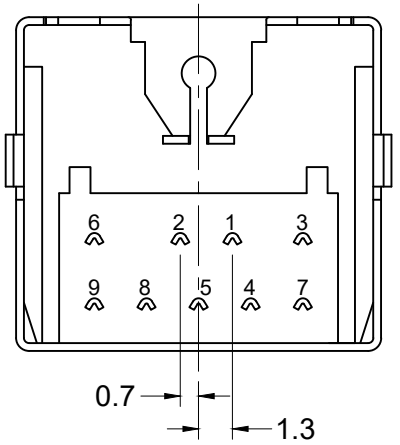
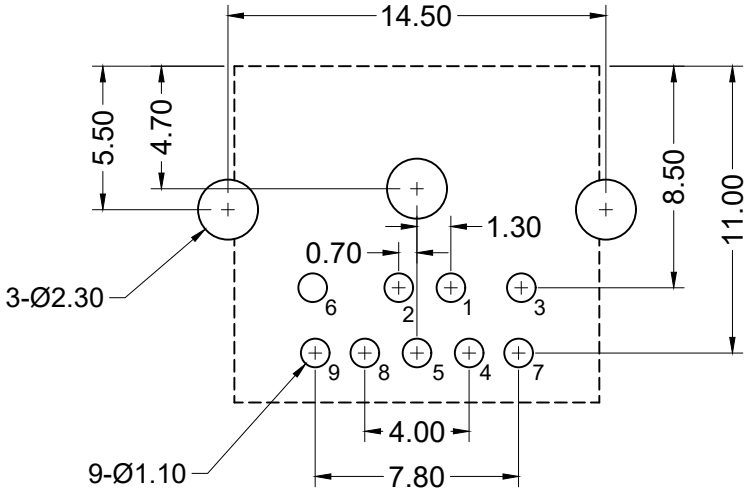
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330









Recommended PCB Layout
(Bottom View)

Material and Finish

Body: PBT Thermoplastic,
Color: Black

Contact Material: Brass

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

Shield: SPCC, Tin 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: 3.0 kg max.

Extraction Force: 0.3kg - 3.0kg

Operating Temperature: -25°C to +80°C

RoHS COMPLIANT

E140125

LR78160

Tolerances
X.X ± 0.30
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY
A0	01/15/19	New Drawing	C. Kelleher	D. Shehan
A1	04/26/19	Release Drawing DC19-002	D. Shehan	C. Kelleher

DRAWN BY	DATE
C. Kelleher	01/15/19
	UNITS
	mm

KMDGX-9S-BS-1

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

Center Board Lock, Gold Flash Contacts

KYCON