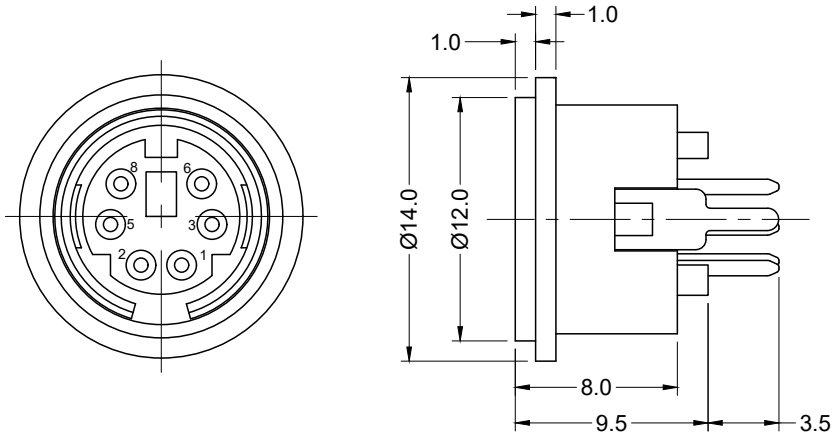
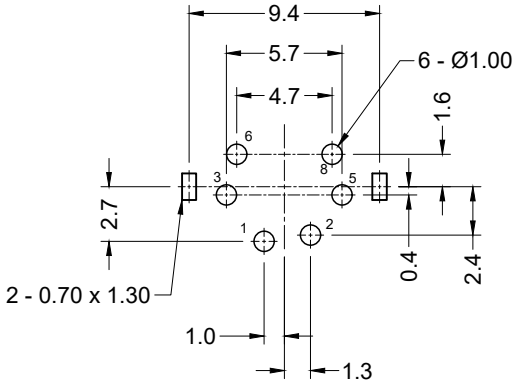
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330





Recommended PCB Layout
(Bottom View)

Materials and Finish

Housing: PBT Thermoplastic
Color: Green

Shield: Brass, Matte Tin Plated

Contact Material:
Brass, Silver Plated

Electrical Characteristics

Rated Current: 2A Max.

Rated Voltage: 12V DC

Insulation Resistance:
50 Megohms Min. at 500V DC

Contact Resistance:
30 milliohms Max.

Dielectric Withstanding Voltage:
500V AC for 1 Minute

Mechanical Characteristics

Insertion Force:
0.3Kg-3.0Kg

Withdrawal Force:
0.3Kg-3.0Kg

Durability Rating:
5,000 Mating Cycles Min.

Operating Temperature:
-25°C to +85°C

RoHS COMPLIANT

c UL us E140125

C SP US LR78160

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0.1	11/03/20	New Drawing	G. Serrato	D. Shehan	G. Serrato	11/13/20
A1	02/05/21	Release Drawing	C. Kelleher	C. Furumasu		
					UNITS	
					mm	

KMDVLX-6S-N-1-GRN

Mini-Din, Vertical Mount, 6Pos

Snap and Lock, Green Insulation

KYCON