

PART NUMBER

**KSW177220**

REV.

DATE

COMMENTS

INITIAL

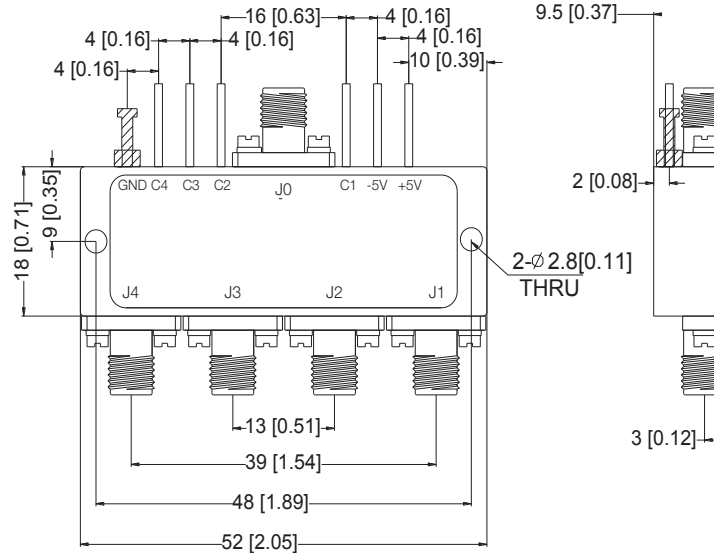
**Electrical Data**

Impedance	50 $\Omega$
Frequency Range	0.2-3 GHz.
Insertion Loss	1.8 dB
Insertion Loss Temp. Coefficient	.003 dB / °C
Isolation	85 dB
RF Input Power	30 dBm
DC Power Dissipation	0.8 W
0.1 dB Compression Point	30 dBm
IIP3	55 dBm
Switching Speed	1 $\mu$ s
Bias Current (+5/-5V)	160/50 mA
VSWR	1.5

**RoHS Compliant****Mechanical Data**

Operational Temperature	-45°C~+85°C
Storage Temperature	-55°C~+125°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Uncontrolled environment) (Optional)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40°C
Shock	20G for 11msec half sine wave, 3 axis both directions

Biasing	+5V $\pm$ 10%/-5V $\pm$ 10%
TTL Control Voltage	0~0.8V/2.8~5V



Drawing not to scale. Dimensions for reference only

Units: mm (inches)

**Konnect RF**

WWW.KONNECTRF.COM  
1-800-790-5887

PART NUMBER

**KSW177220**

DESCRIPTION

**Switch, SP4T, Absorptive, SMA Female**

CAGE CODE

**664U0**

SIGNATURE

**X**

**Component**  
Body

**Material**  
Aluminum

**Plating**  
Gold

THIS DRAWING INCLUDING THE DESIGNS IS THE PROPERTY OF KONNECT RF AND IS NOT TO BE USED FOR ANY PURPOSE WITHOUT OUR APPROVAL.