

PART NUMBER

**KSW177472**

REV.

DATE

COMMENTS

INITIAL

**Electrical Data**

Impedance	50 Ω
Frequency Range	0.5 - 4GHz.
Insertion Loss	1.1 dB typ. 1.5 dB max
Isolation	60 dB min 80 dB typ.
VSWR	1.3:1 typ. 1.5:1 max
RF Input Power (CW)	30 dBm max
DC Power Dissipation	0.3 W typ.
0.1dB Compression Point	30 typ dBm
IIP3	55 dBm typ.
Switching Speed	100 ns typ.

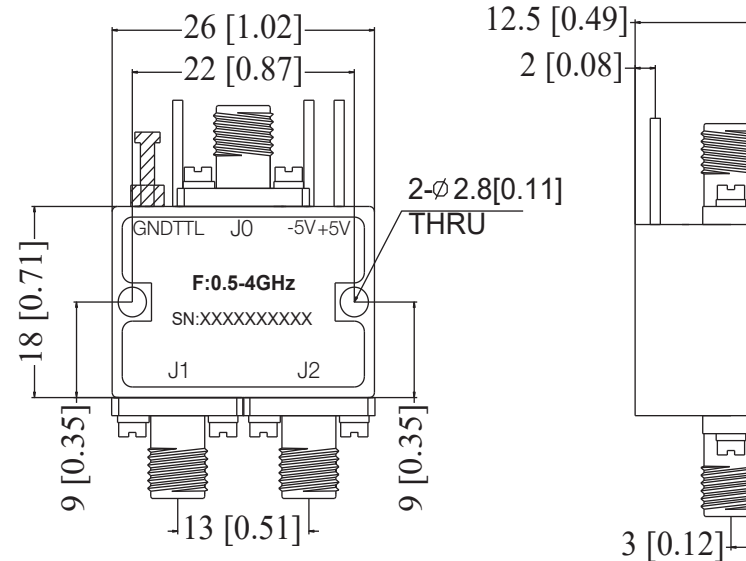
**Mechanical Data**

Insertion Loss Temperature Coefficient	0.003/dB/°C
Operational Temperature	-40 °C - 85 °C
Storage Temperature	-50 °C - 105 °C

**Standards**

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

RoHS Compliant

**Truth Table**

TTL Control Voltage	Low(0)=0~0.8V
THRESHOLD	High(1)=2.8~5V
Control Input TTL	Signal Path State
0	J0-J2
1	J0-J1
Control Pin Customization available upon request	

**Drawing not to scale. Dimensions for reference only****Units: inches (mm)****Konnect RF**

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

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DESCRIPTION

**Switch, SP2T, Absorptive, SMA Female**

CAGE CODE

**664U0**

SIGNATURE

X

**Component**  
Body**Material**  
Aluminum**Plating**  
Gold

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