

PART NUMBER

KSW177231

REV.

DATE

COMMENTS

INITIAL

Electrical Data

Impedance	50 Ω
Frequency Range	0.02 - 3 GHz.
Insertion Loss	2.0 dB
Insertion Loss Coefficient	0.003 dB/°C
Isolation	85 dB
RF Input Power	30 dBm
DC Power Dissipation	0.6 W
0.1 dB Compression Point (P0.1 dB)	30 dBm
IIP3	55 dBm
Switching Speed	500 ns
Bias Current(+5V/-15V)	80/50 mA
VSWR	1.5

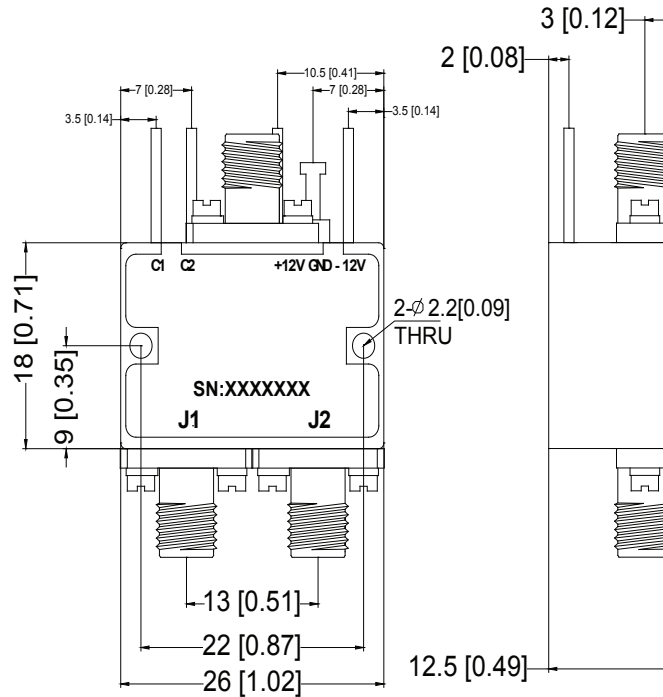
Environmental Specifications

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

Absolute Maximum Ratings

Biasing	+5V ± 10%/-15V ± 10%
TTL Control Voltage	0-0.8V/2.8-5V

Note: TTL pins cannot be connected to the negative voltage otherwise the internal driver will be damaged.

RoHS Compliant**Truth Table**

Control Input TTL		State
C1	C2	
0	0	Not Used
0	1	J0-J1
1	0	J0-J2
1	1	OFF

Control Pin Customization available upon request

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

WWW.KONNECTRF.COM

1-800-790-5887

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DESCRIPTION

Switch, SP2T, Absorptive, SMA Female

CAGE CODE

664U0

SIGNATURE

XComponent
BodyMaterial
AluminumPlating
Gold

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