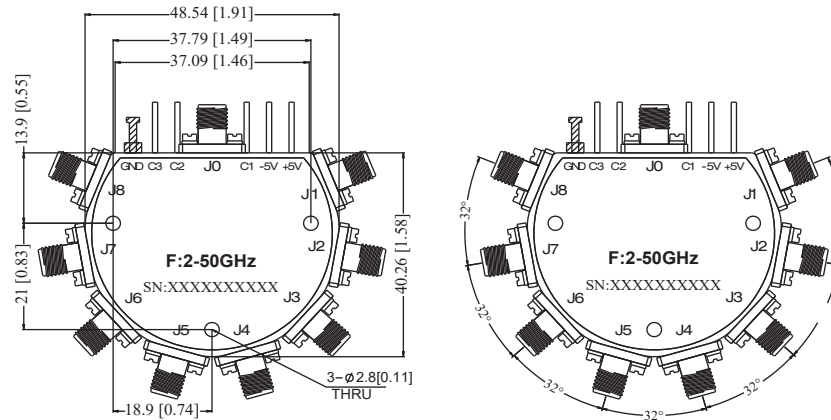


PART NUMBER
KSW177322

REV.	DATE	COMMENTS	INITIAL

RoHS Compliant

Parameter	Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Units	
Frequency Range	2-18		18-43.5		43.5-50						GHz
Insertion Loss		4.8	6.5		7.3	8.5		9.2	10.0		dB
Insertion Loss Temperature Coefficient		0.003			0.003			0.003			dB/°C
Isolation	50	65		45	55		45	53			dB
Input VSWR		2	3		2.5	3		2.5	3		: 1
Output VSWR		2	3		2.5	3		2.5	3		: 1
RF Input Power (CW)			23			23			23		dBm
DC Power Dissipation		1.5			1.5			1.5			W
0.1dB Compression Point (P0.1dB)		23			23			23			dBm
IIP3		43			38			33			dBm
Switching Speed	100 Max.									ns	
Weight	1.8 Max.									ounces	
Impedance	50									Ω	
Bias Current (+5V / -5V)	200/50 Max.									mA	

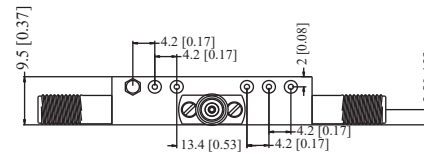


Environmental Specifications

Operational Temperature	-40 ~+85 (Case Temperature)
Storage Temperature	-50 ~+105
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

Absolute Maximum Ratings

Biasing	+5V±10%/-5V±10%
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Truth Table

TTL Control Voltage THRESHOLD			Low(0)=0~0.8V	High(1)=2.8~5V
Control Input TTL	Signal Path State			
C3	C2	C1		
0	0	0	J0-J1	
0	0	1	J0-J2	
0	1	0	J0-J3	
0	1	1	J0-J4	
1	0	0	J0-J5	
1	0	1	J0-J6	
1	1	0	J0-J7	
1	1	1	J0-J8	

Control Pin Customization available upon request

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

Konnnect RF

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

PART NUMBER KSW177322		DESCRIPTION Switch, SP8T, Absorptive, 2.4mm Female		
CAGE CODE 664U0	SIGNATURE <i>[Signature]</i> X	Component Body Hermetically Sealed Optional	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.				