

PART NUMBER

**KSW177505**

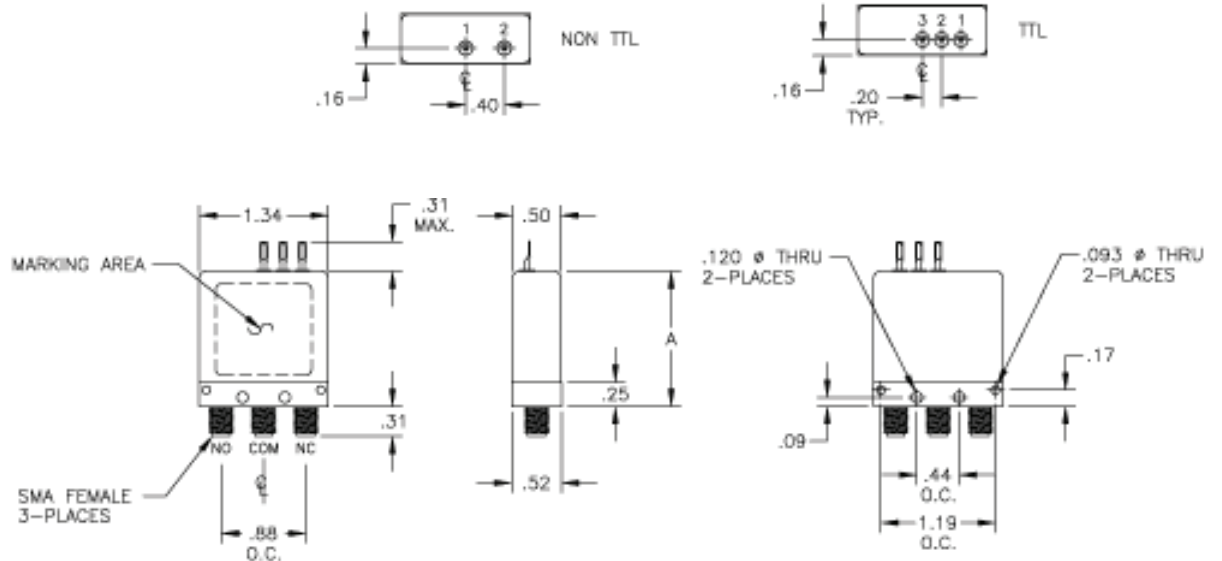
DC PIN	NON TTL	TTL	CONTROL	DIM. A
1	GND	+Vdc	NON TTL	1.40 MAX.
2	+Vdc	GND	TTL	1.80 MAX.
3	NA	CONT.		

REV.

INITIAL

**Electrical Data**

Impedance	50 Ω
Frequency Range	DC - 18GHz
RF Input Power	DC - 100MHz (500 Watts Max.) 100 - 200MHz (400 Watts Max.) 200 - 500MHz (300 Watts Max.) 500 - 1000MHz (200 Watts Max.) 1 - 4GHz (100 Watts Max.) 4 - 8GHz (90 Watts Max.) 8 - 12GHz (70 Watts Max.) 12 - 18GHz (60 Watts Max.)
Isolation	85dB (DC - 1GHz Min.) 80dB (1 - 4GHz Min.) 70dB (4 - 8GHz Min.) 65dB (8 - 12GHz Min.) 60dB (12 - 18GHz Min.)
VSWR	1.1:1 (DC - 1GHz Max.) 1.15:1 (1 - 4GHz Max.) 1.2:1 (4 - 8GHz Max.) 1.3:1 (8 - 12GHz Max.) 1.35:1 (12 - 18GHz Max.)
Insertion Loss	0.10dB (DC - 1GHz Max.) 0.15dB (1 - 4GHz Max.) 0.20dB (4 - 8GHz Max.) 0.30dB (8 - 12GHz Max.) 0.35dB (12 - 18GHz Max.)
Switching Speed	15 Milliseconds
Control Voltage	+28 Vdc @ 100 mA Nominal
Operating Temperature	-25°C to + 65°C
Lifetime	1 Million Cycles Min.

**RoHS Compliant**

VSWR and Frequency Range Specifications are for reference and are dependant on cable type and other application specific conditions

Drawing not to scale. Dimensions for reference only

WWW.KONNECTRF.COM  
540 NW University Blvd. Ste. 109  
Port Saint Lucie, Florida, 34986  
1-800-790-5887

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**KSW177505**

DESCRIPTION

**Switch - 1P2T  
Failsafe Reflective - SMA**

CAGE CODE

**664U0**

SIGNATURE

X

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