

PART NUMBER

KSW177495

DC PIN	NON TTL	TTL
1	GND	+Vdc
2	+Vdc	GND
3	NA	CONT.

CONTROL	DIM. A
NON TTL	1.40 MAX.
TTL	1.80 MAX.

REV.

DATE

DESC.

INITIAL

Electrical Data

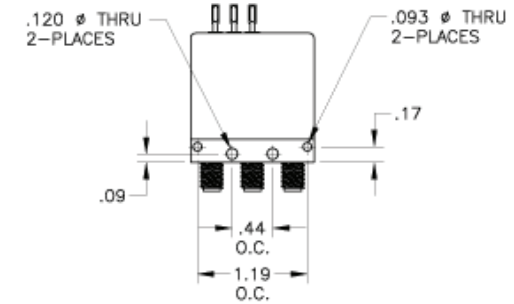
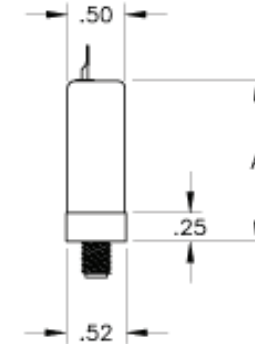
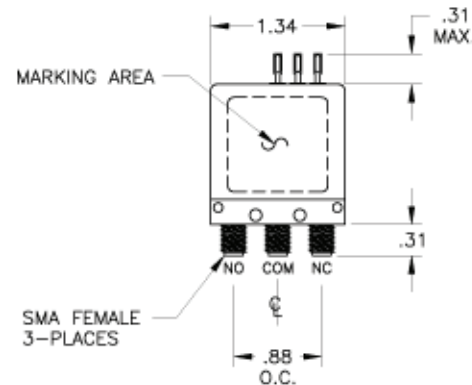
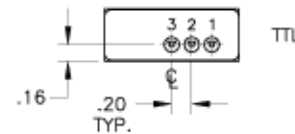
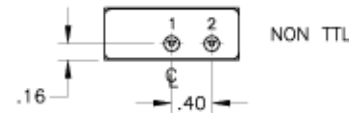
Impedance 50 Ω
 Frequency Range DC-18GHz
 VSWR
 1.10:1 Max. DC-1GHz
 1.15:1 Max. 1-4GHz
 1.20:1 Max. 4-8GHz
 1.30:1 Max. 8-12GHz
 1.35:1 Max. 12-18GHz

Insertion Loss
 0.10 dB Max. DC-1GHz
 0.15 dB Max. 1-4GHz
 0.20 dB Max. 4-8GHz
 0.30 dB Max. 8-12GHz
 0.35 dB Max. 12-18GHz

Insulation
 85 dB Min. DC-1GHz
 80 dB Min. 1-4GHz
 70 dB Min. 4-8GHz
 65 dB Min. 8-12GHz
 60 dB Min. 12-18GHz

Switching Speed 15 Milliseconds
 RF Input Power
 400 Watts Avg DC-200MHz
 300 Watts Avg 200-500MHz
 200 Watts Avg 500-1000MHz
 100 Watts Avg 1-4GHz
 90 Watts Avg 4-8GHz
 70 Watts Avg 8-12GHz
 60 Watts Avg 12-18GHz

Control +12 Vdc (11-14dc) @ 200 mA Nominal
 DC Connector Solder Terminals
 RF Connector SMA Female
 Lifetime 1 Million Cycles Min.
 Operating Temp. Range -25°C To +65°C
 Weight 2.5oz Nominal

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

Konnnect RF

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

PART NUMBER

KSW177495

DESCRIPTION

**Switch - 1P2T
Failsafe RF Switch**

CAGE CODE

664U0

SIGNATURE

X

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