LOGUS MICROWAVE

HIGH POWER COAXIAL SWITCHES, TYPE "N"

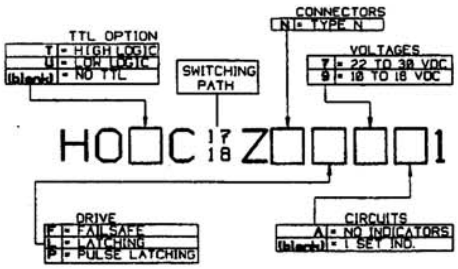
HOC 17/18 Z SERIES

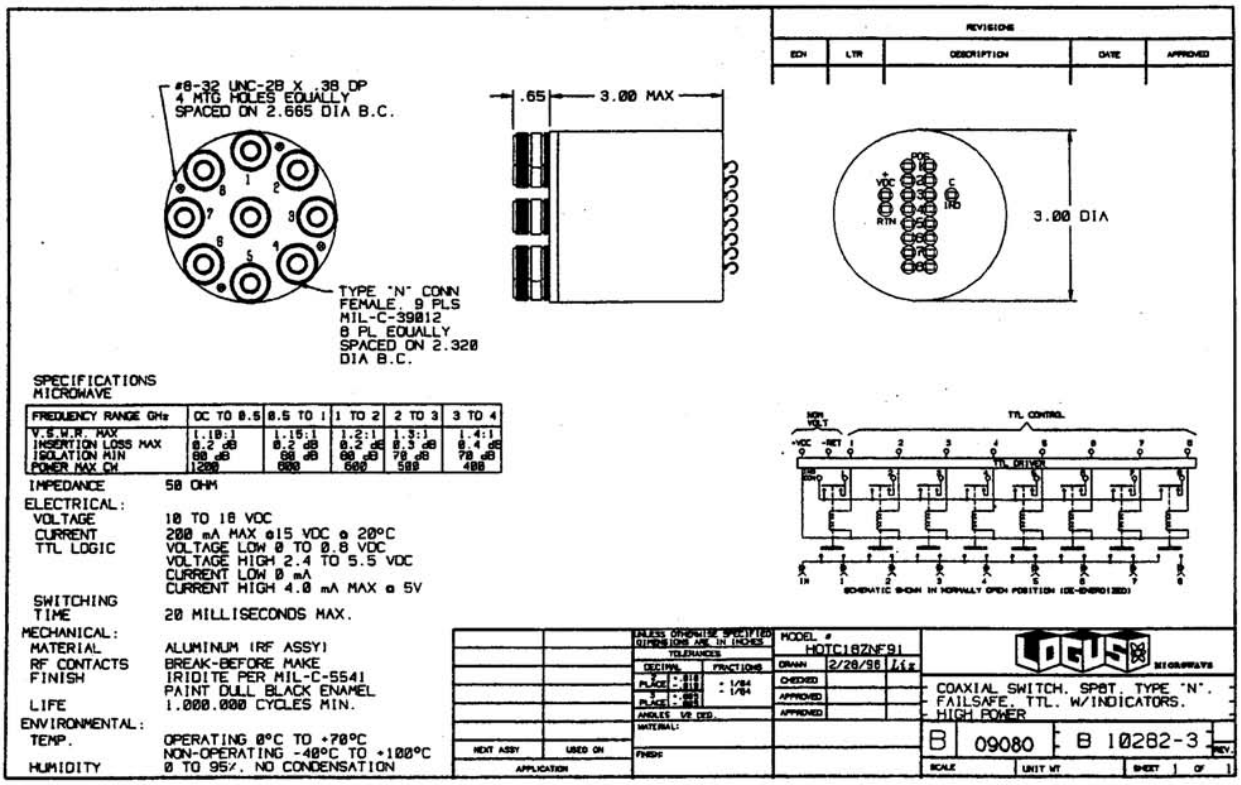
SP7T and SP8T relay style DC to 4 GHz family.

The HC17Z and HC18Z series offers reliability and performance in SP7T and SP8T switching utilizing High Power N connectors.

This DC to 4 GHz series covers typical applications in Telecommunications, Cellular and ATE.

The following pages comprise a variety of sample models commonly used.





HOTC18ZNF91

LOCUS MICROWAVE

HIGH POWER COAXIAL SWITCHES, TYPE "N"

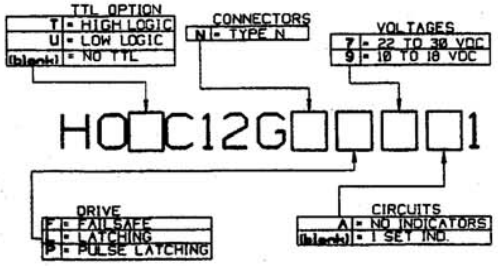
HOC12G SERIES

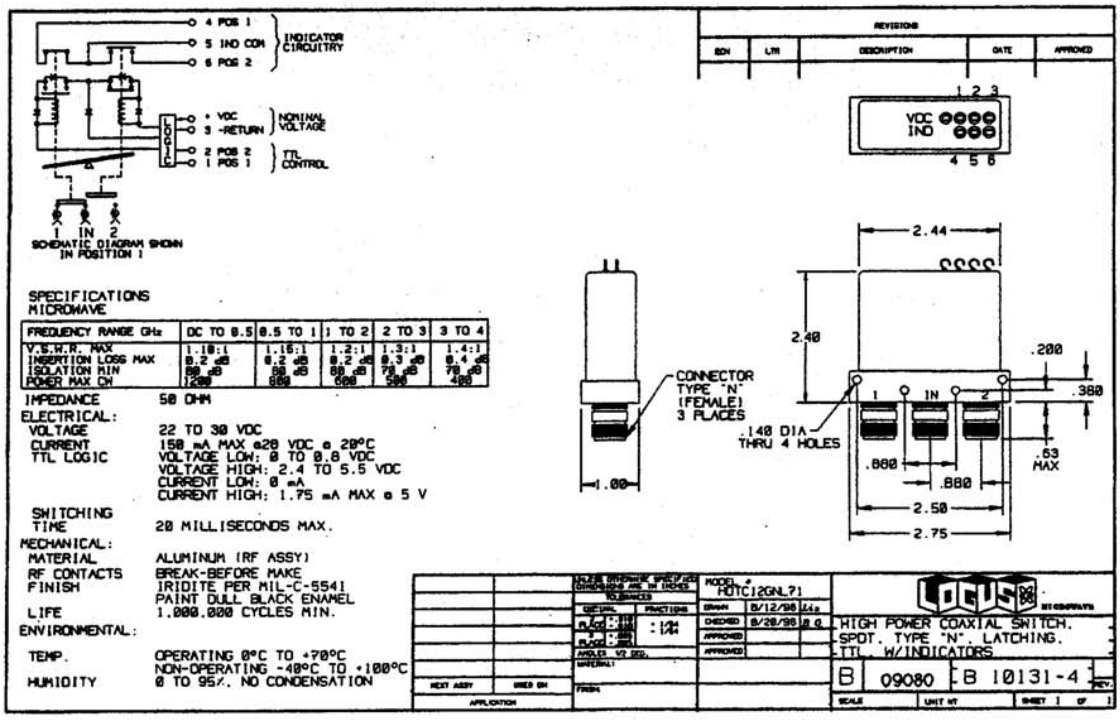
SPDT Relay style DC to 4 GHz family.

The HC12G series offers reliability and performance in SPDT switching utilizing High Power "N" connector styles.

This DC to 4 GHz series covers typical applications in telecommunications, cellular, mobile radio and ATE.

The following pages comprise a variety of sample models commonly used.





SPECIFICATIONS
MICROWAVE

FREQUENCY RANGE GHz	DC TO 0.5	0.5 TO 1	1 TO 2	2 TO 3	3 TO 4
V.S.W.R. MAX	1.10:1	1.15:1	1.2:1	1.3:1	1.4:1
INSERTION LOSS MAX	0.2 dB	0.2 dB	0.2 dB	0.3 dB	0.4 dB
ISOLATION MIN	80 dB	80 dB	80 dB	70 dB	70 dB
POWER MAX CW	1200	600	600	500	400

IMPEDANCE 50 OHM

ELECTRICAL:
- VOLTAGE: 22 TO 30 VDC
- CURRENT: 150 mA MAX @28 VDC @ 20°C
- TTL LOGIC: VOLTAGE LOW: 0 TO 0.8 VDC; VOLTAGE HIGH: 2.4 TO 5.5 VDC; CURRENT LOW: 0 mA; CURRENT HIGH: 1.75 mA MAX @ 5 V
- SWITCHING TIME: 20 MILLISECONDS MAX.

MECHANICAL:
- MATERIAL: ALUMINUM (RF ASSY)
- RF CONTACTS FINISH: BREAK-BEFORE MAKE; IRIDITE PER MIL-C-5541; PAINT DULL BLACK ENAMEL
- LIFE: 1,000,000 CYCLES MIN.

ENVIRONMENTAL:
- TEMP.: OPERATING 0°C TO +70°C; NON-OPERATING -40°C TO +100°C
- HUMIDITY: 0 TO 95%. NO CONDENSATION