

SWITCH PIN DIODE .5-2GHZ SMA-F

SR0520

SPECIFICATIONS

ELECTRICAL:

INPUT FREQUENCY: 0.5 - 2.0 GHZ

SWITCH TYPE: SP1T

INSERTION LOSS: 1.7 dB MAX

ISOLATION: 60 dB MIN

VSWR: 1.60:1

INPUT POWER: 200 mW (23 dBm)

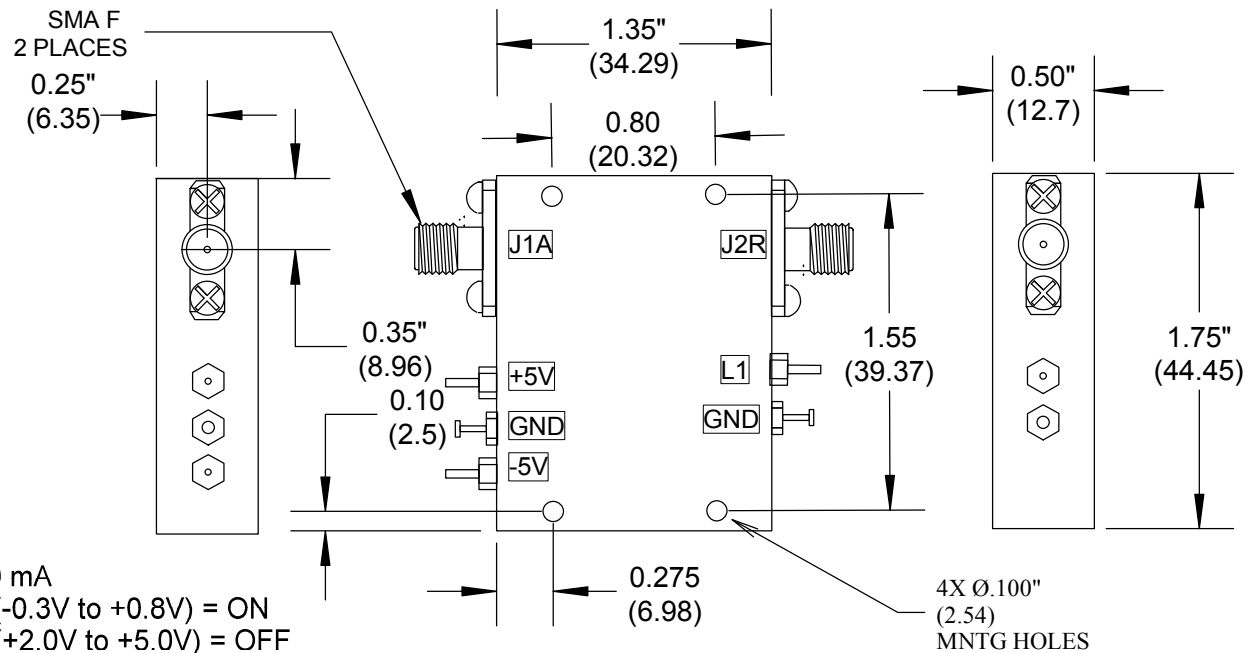
SWITCHING TIME: 100 nsec

DRIVER: SCHOTTKEY TTL

VOLTAGE/CURRENT REQUIRED: $\pm 5Vdc @ \pm 30 mA$

INDIVIDUAL TTL CONTROL LOGIC: LOGIC "0" (-0.3V to +0.8V) = ON

LOGIC "1" (+2.0V to +5.0V) = OFF



NOTES:

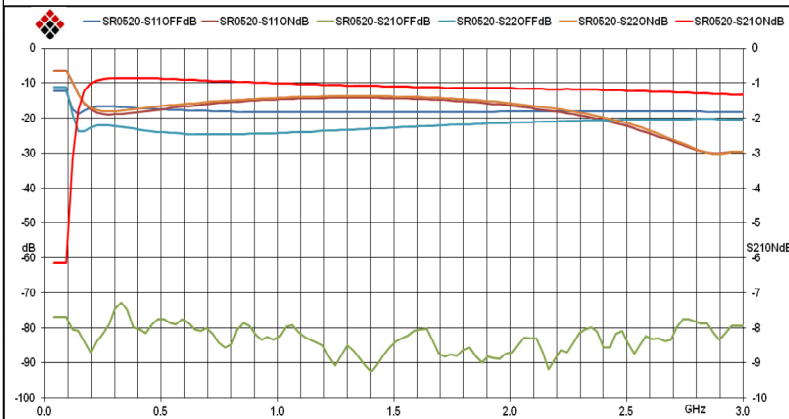
PORT J1 (ABSORPTIVE)

PORT J2 (REFLECTIVE)

TTL CONTROL LOGIC

L1	J1-J2
0	INSERTION LOSS
1	ISOLATION

MEASUREMENTS BELOW ARE TYPICAL



ALL DIMENSIONS IN inches(MM) Typical

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TITLE

SWITCH PIN DIODE .5-2GHZ SMA-F

SIZE CAGE CODE DWG NO

A

3FKR5

SR0520

REV

A

SCALE

SHEET