

SWITCH PIN DIODE .1-1GHZ SMA-F

SR0110

SPECIFICATIONS

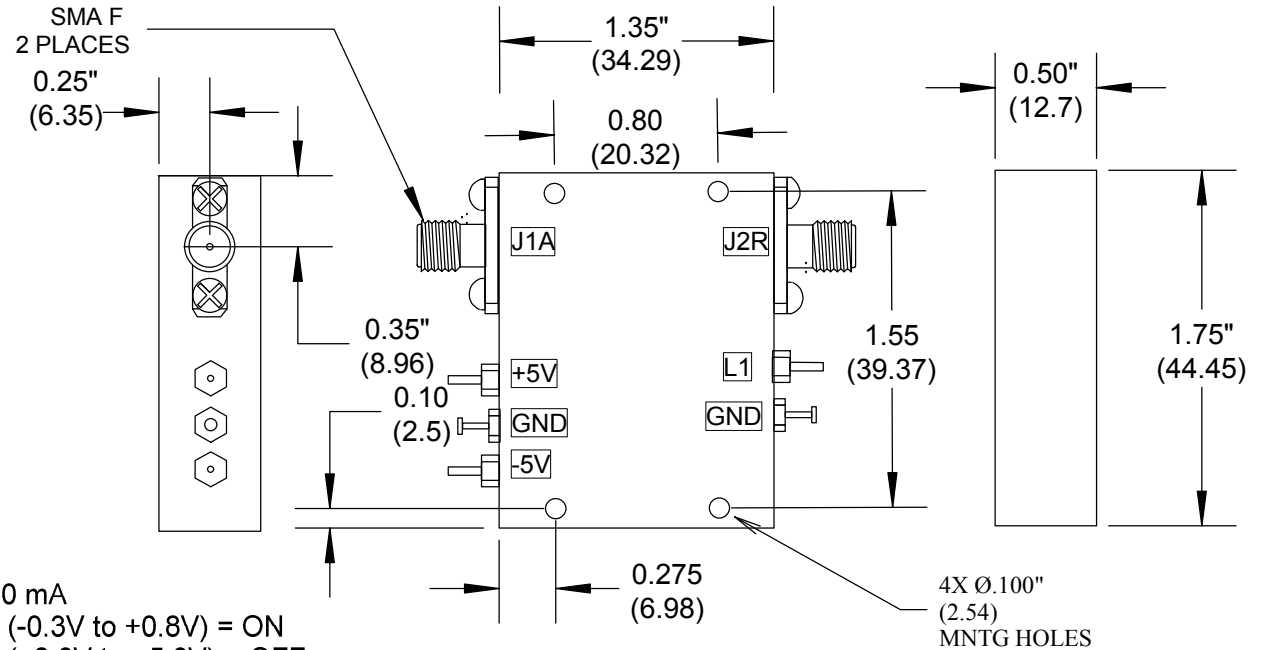
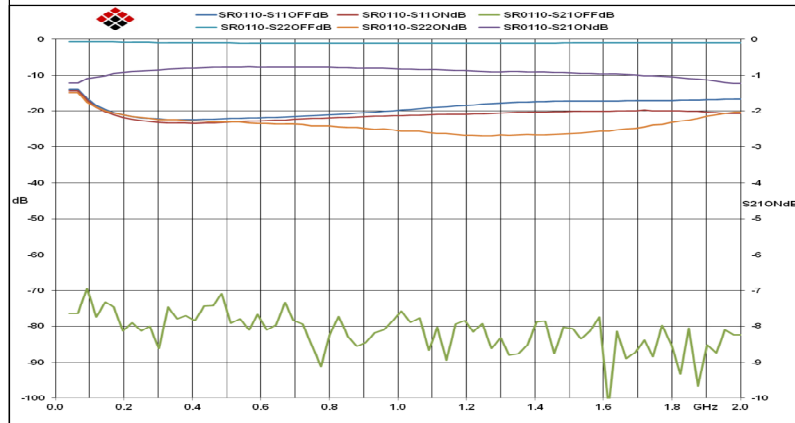
ELECTRICAL:

INPUT FREQUENCY: 0.1 - 1.0 GHZ
 SWITCH TYPE: SP1T
 INSERTION LOSS: 1.2 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 (ABORPTIVE)
 PORT J2 (REFLECTIVE)

MEASUREMENTS BELOW ARE TYPICAL



TTL CONTROL LOGIC

L1	J1-J2
0	INSERTION LOSS
1	ISOLATION

ALL DIMENSIONS IN inches(MM) Typical

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TITLE

SWITCH PIN DIODE .1-1GHZ SMA-F

SIZE CAGE CODE DWG NO

A

3FKR5

SR0110

REV

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SCALE

SHEET