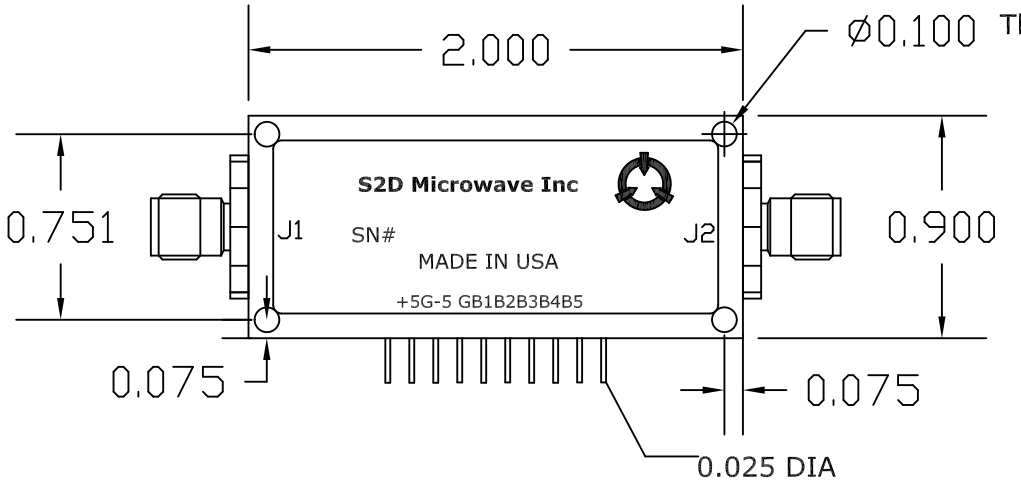
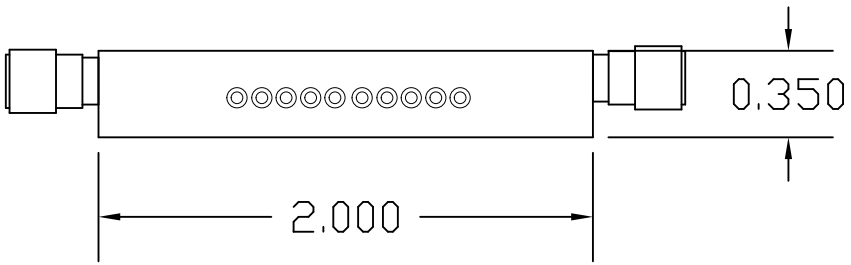
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	09/04/2012	





SPECIFICATION

FREQUENCY	7.0 - 8.0GHz
VSWR:	1.7:1
INSERTION LOSS	8.0dB MAX (7dB Goal)
ATTENUATION CONTROL	LO- Attenuation ON
	HI - Attenuation OFF
SWITCHING SPEED	160ns Typ
IMPEDANCE	50 OHM
INPUT POWER(MAX)	30dBm @ +25°C
IIP3	40dBm
ATTENUATION ACCURACY	± 0.5dB
POWER SUPPLY	+5 & -5 V DC @ 150 Ma

ENVIRMENTAL RATINGS:

TEMPERATURE:	-55'C TO +85'C (OPERATING)
	-65'C TO +125'C (STORAGE)
SHOCK:	MIL-STD-202F, METHOD 213B COND, B
VIBRATION:	MIL-STD-202F, METHOD 204D COND, B
HUMIDITY:	MIL-STD-202F, METHOD 103B COND, B

Bit	Attenuation
B1	1 dB
B2	2 dB
B3	4 dB
B4	8 dB
B5	16 dB
B6	31 dB

NOTE: Specifications are subject to revision or change
Units are designed to meet the environmental rating.
For environmental testing please contact sales@s2dmicrowave.com.

All Dimensions in Inches
Tolerances:
Fractions Decimals Angles
- ±0.01 ±3°
±0.005

Model# S5AT-30605578

Material: AL Alloy 6061-T6 per QQ-A-250/11

Plating: Electroless nickel per MIL-C-26074

S2D Microwave Inc.
www.s2dmicrowave.com

OUTLINE DRAWING
DIGITAL ATTENUATOR

SIZE	FSCM NO.65BW0	DWG NO. 100-812-S5AT-02	REV
SCALE: None		SHEET 1 of 1	