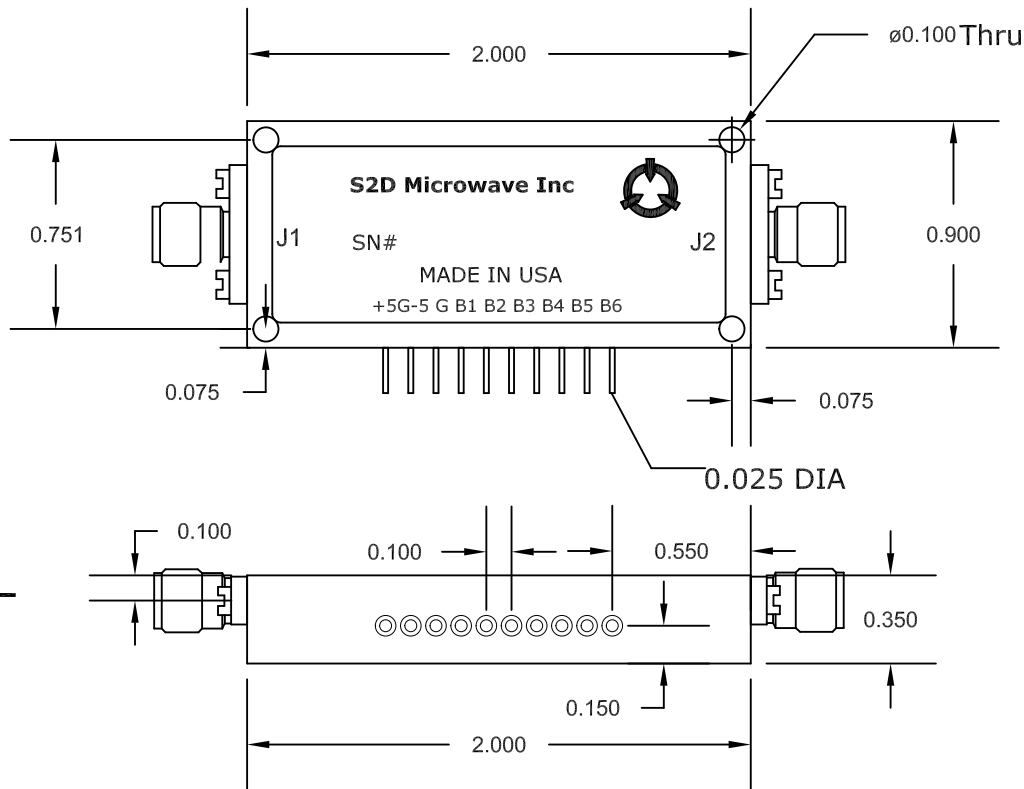



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	10/10/2012	



SPECIFICATION

FREQUENCY 2 - 18 GHz
 VSWR: 2:1
 INSERTION LOSS..... 6.0dB Typ
 ATTENUATION CONTROL 6 BIT BINARY
 ATTENUATION RANGE..... 62 dB
 SWITCHING SPEED 200 ns Typ
 IMPEDANCE 50 OHM
 INPUT POWER(AVG) 20dBm @ +25°C
 PEAK POWER 1 WATTS
 (1µSEC PULSE, 0.05% DUTY CYCLE)
 ATTENUATION ACCURACY 0 - 20 dB ... ± 1 dB
 20 - 40 dB ... ± 1.8 dB
 40 - 62 dB ... ± 2 dB
 ATTENUATION FLATNESS..... 0 - 20 dB ... ± 1 dB
 20 - 40 dB ... ± 2.4 dB
 40 - 62 dB ... ± 3 dB
 ATTENUATION CONTROL..... TTL LO : ATTENUATION " OFF"
 TTL HI : ATTENUATION " ON"
 DC POWER SUPPLY +5V @ 200mA - 5V @ 140mA

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

All Dimensions in Inches Tolerances: Fractions Decimals Angles - ±0.01 ±3° ±0.005		 www.s2dmicrowave.com OUTLINE DRAWING PIN ATTENUATOR		
Model# S5AT-026255218				
Material: AL Alloy 6061-T6 per QQ-A-250/11	SIZE	FSCM NO. 65BWO	DWG NO. 100-1012-S5AT-01	REV
Plating: Electroless nickel per MIL-C-26074	SCALE: None		SHEET 1 of 1	

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

USER