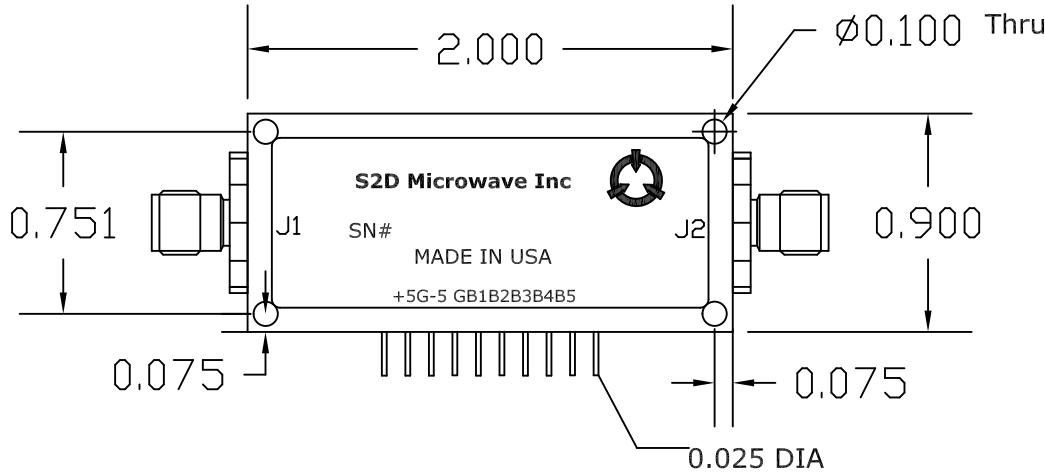


| REVISIONS | | | | |
|-----------|-----|-----------------|------------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |
| | A | INITIAL RELEASE | 08/11/2012 | |



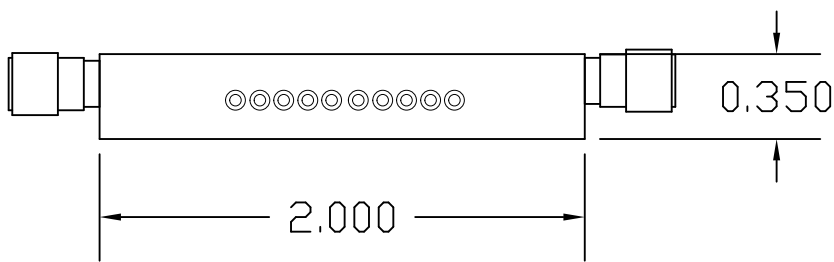
SPECIFICATION

FREQUENCY 7.0 - 8.0 GHz
 VSWR: 2:1
 INSERTION LOSS 4.0dB Typ
 ATTENUATION CONTROL 5BIT BINARY
 SWITCHING SPEED 120ns Typ
 IMPEDANCE 50 OHM
 INPUT POWER(MAX) 20dBm @ +25°C
 PEAK POWER 1WATTS
 (1µSEC PULSE, 0.05% DUTY CYCLE)

ATTENUATION ACCURACY ±0.75dB
 POWER SUPPLY +5 & -5 V DC @ 150 Ma
 ATTENUATION CONTROL HI - ATTENUATION ON
 LO - INSERTION LOSS


ENVIRONMENTAL RATINGS:

TEMPERATURE -40C TO +85°C (OPERATING)
 -65C TO +125°C (STORAGE)
 SHOCK: MIL-STD-202F, METHOD 213B COND, B



| Bit | Attenuation |
|-----|-------------|
| B1 | 1 dB |
| B2 | 2 dB |
| B3 | 4 dB |
| B4 | 8 dB |
| B5 | 16 dB |

| | |
|---|--|
| All Dimensions in Inches Tolerances: Fractions Decimals Angles - ±0.01 ±3° ±0.005 | |
| Model# S5AT-02305578 | |
| Material: AL Alloy 6061-T6 per QQ-A-250/11 | |
| Plating: Electroless nickel per MIL-C-26074 | |

| | | | |
|---|----------|----------------------------|-----|
|  www.s2dmicrowave.com | | | |
| OUTLINE DRAWING DIGITAL PIN ATTENUATOR | | | |
| SIZE | FSCM NO. | DWG NO. 100-812-S5AT-01 | REV |
| 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