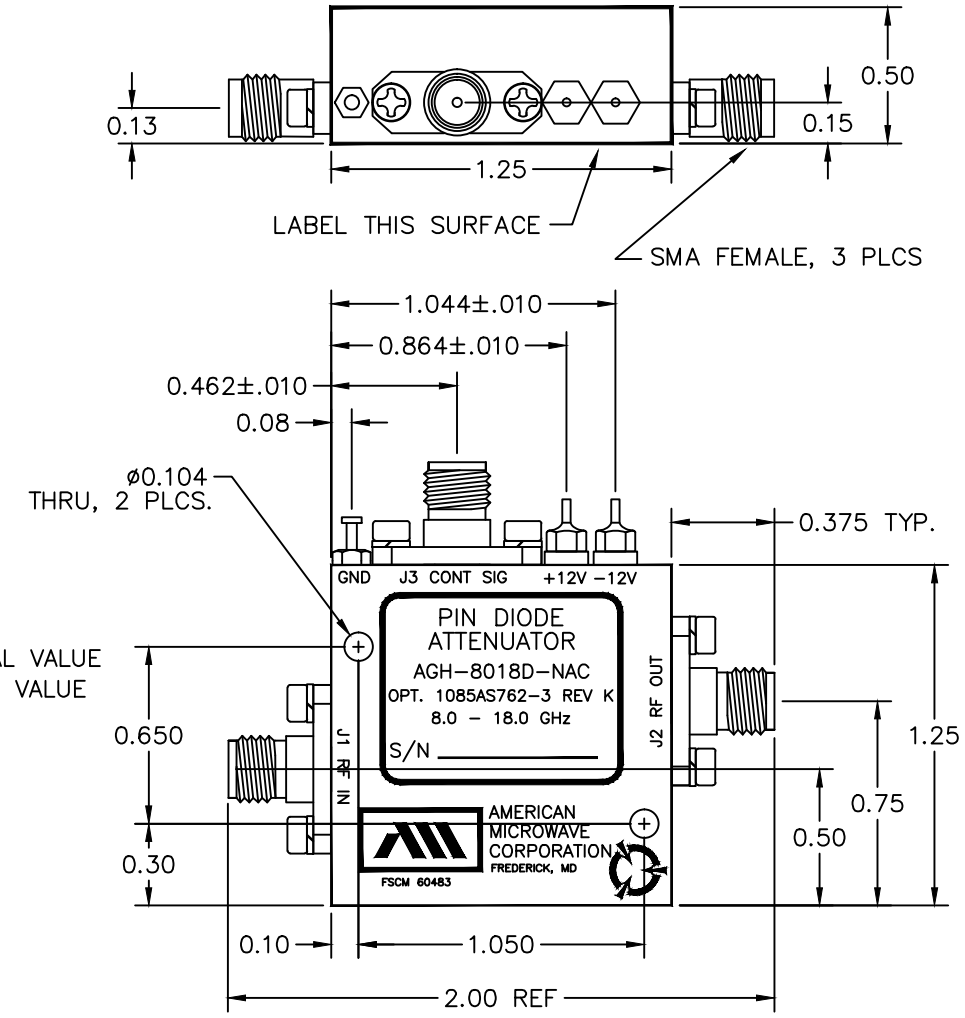
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	SEE ER# 018-13	4/10/13	RRA
	B	SEE ECN# 18-057	6/20/18	RRA
	C	SEE ECN# 19-030	4/3/19	RRA

SPECIFICATIONS

- FREQUENCY RANGE ..... 8.0 TO 18.0 GHz
- CHARACTERISTIC IMPEDANCE: ..... 50 OHMS NOMINAL
- INPUT IMPEDANCE: ..... 10K NOMINAL, ±0.5K
- ATTENUATION FROM INERTION LOSS: ..... 60dB ±3dB
- VSWR: ..... 2.0:1 MAXIMUM
- INSERTION LOSS: ..... 4.0 dB MAXIMUM
- POWER HANDLING CAPABILITY: ..... 100mW AVERAGE MINIMUM
- MAX PEAK POWER @ 25°C: ..... 25 WATTS
  (MAX PULSE WIDTH 1 uSEC)
- ATTENUATION FLATNESS: ..... @ 10 dB: ± 0.9 dB MAXIMUM
  @ 20 dB: ± 1.5 dB MAXIMUM
  @ 40 dB: ± 3.0 dB MAXIMUM
  @ 60 dB: ± 3.5 dB MAXIMUM
- ATTENUATION ACCURACY: ..... 0-30dB: ±1.0dB
  30-50dB: ±1.5dB
  50-60dB: ±2.0dB
- SWITCHING TIME:
  ON TO OFF (0V-6V): ..... 60nSEC MAXIMUM WITHIN 1dB OF FINAL VALUE
  OFF TO ON (+6V-0V): ..... 2uSEC MAXIMUM WITHIN 1dB OF FINAL VALUE
- TRANSFER FUNCTION: 10dB/VOLT
- POWER SUPPLY: ..... -12V 5% @ 20mA MAXIMUM
  +12V 5% @ 100mA MAXIMUM
- FINISH: ..... LUSTERLESS GRAY PAINT, PER MIL-E-5400
- FOR FURTHER SPECIFICATIONS, SEE CUSTOMER SCD# 1085AS762-3 REV K



ENVIRONMENTAL RATINGS:

- TEMPERATURE: ..... -40°C TO +85°C (OPERATING)
  -65°C TO +125°C (STORAGE)
- HUMIDITY: ..... MIL-STD-202F, METHOD 103B COND. B
- SHOCK: ..... MIL-STD-202, METHOD 213 COND. B
- VIBRATION: ..... MIL-STD-202F, METHOD 204 COND. C
- TEMPERATURE/ALTITUDE: ..... MIL-T-5422 FOR MIL-E-5400 CLASS 1A
- TEMPERATURE CYCLE: ..... MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

* Units are designed to meet Environmental ratings but not tested. If Environmental Testing is required, please contact Sales Department.

ALL DIMENSIONS ARE IN INCHES
TOLERANCES: X.XX ±0.020
X.XXX ±0.005

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE: PRODUCT FEATURE AGH-8018D-NAC OPTION 1085AS762-3 REV. K		
DRAWN K SIMMS	4/10/13			
ENG RRA	3/22/19	SIZE A	FSCM NO. 60483	DWG NO. 100-8423 REV. C
QAE RRA	3/22/19	SCALE N:S		SHEET 1 OF 1