

DESCRIPTION

AMC MODEL AGH-0812-65DD IS AN OCTAVE BAND ATTENUATOR/MODULATOR, PROGRAMMABLE BY 8 BIT POSITIVE TRUE BINARY LOGIC WITH READ DATA LATCHING FUNCTION CAPABILITY.

SPECIFICATIONS

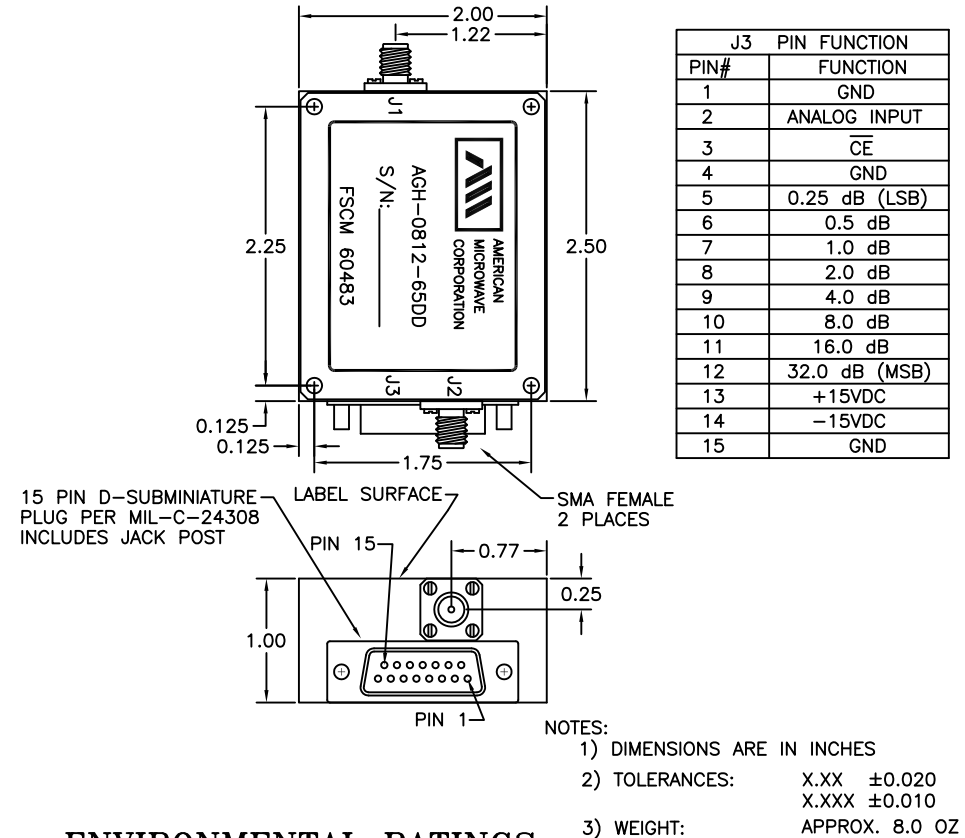
- FREQUENCY RANGE 8-12 GHz MINIMUM
- INSERTION LOSS 3.0 dB MAXIMUM
- FREQUENCY FLATNESS
 - @ 10dB ±0.3 dB MAXIMUM
 - @ 20dB ±0.8 dB MAXIMUM
 - @ 40dB ±1.5 dB MAXIMUM
 - @ 63.75 dB ±1.6 dB MAXIMUM
- ATTENUATION ACCURACY 0-30dB ±0.5 dB MAXIMUM
(MONOTICITY IS GUARANTEED) >30-50dB ±1.0 dB MAXIMUM
>50-63.75dB ±1.5 dB MAXIMUM
- SWITCHING TIME 2 μS MAXIMUM
- TEMPERATURE COEFFICIENT ±0.025 dB/°C MAXIMUM
- VSWR (ALL ATTENUATION LEVELS) 2.0:1 MAXIMUM
- RF POWER RATINGS +30 dBm CW MAXIMUM
- CONTROL 8 BIT POSITIVE TRUE TTL BINARY LOGIC, 300ns DATA TRANSFER STROBE TIME (ACTIVE LOW), 0.25dB MINIMUM ATTENUATION STEPS (SEE PIN FUNCTION TABLE)
- POWER SUPPLY +15VDC ±5%@ 100 mA MAXIMUM
-15VDC ±5%@ 100 mA MAXIMUM
- CONNECTORS
RF INPUT/OUTPUT SMA FEMALE
POWER AND CONTROLS 15 PIN D-SUBMINIATURE (MALE)
WITH JACK POST (MATING CONNECTOR FURNISHED)
- SIZE 2.00" x 2.50" x 1.00"

AVAILABLE OPTIONS

- A01 J1 SMA MALE, J2 SMA FEMALE
- A02 TWO SMA MALE RF CONNECTORS


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE, JOB # 20373E	04/24/93	

MECHANICAL OUTLINE



ENVIRONMENTAL RATINGS

- TEMPERATURE -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY MIL-STD-202F, METHOD 103B COND. B
- SHOCK MIL-STD-202F, METHOD 213B COND. B
- VIBRATION MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE MIL-STD-202F, METHOD 107D COND. A

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APPROVALS	DATE	PRODUCT FEATURE AGH-0812-65DD 8-12 GHz PROGRAMMABLE ATTENUATOR	
DRAWN <i>WJP</i>	04/24/93	SIZE A	SHEET 1 OF 2
CHECKED		DWG. # 100-3126	