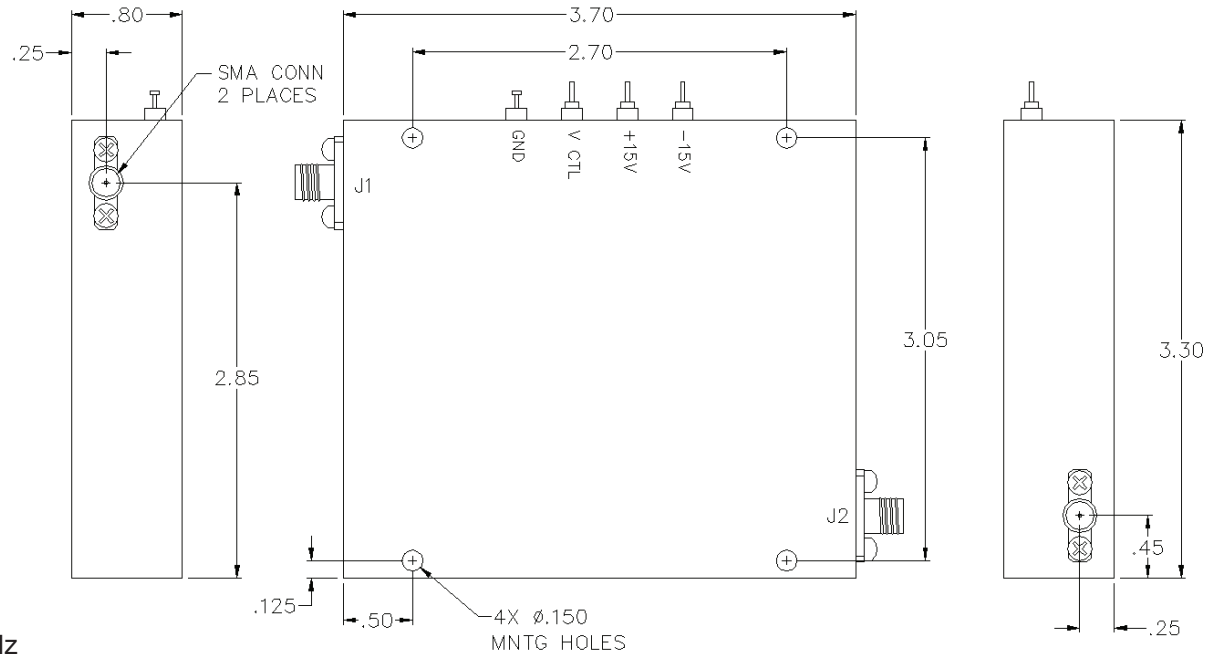

SPECIFICATIONS

Frequency Range:	2.0 - 8.0 GHz
Insertion Loss:	4.0 dB Max
VSWR:	2.0 dB Max
Attenuation Range:	32 dB
Transfer Function:	8 dB/Volt Typical for 32 dB Att. range. 16 dB/Volt Typical for 64 dB Att. range.
Typical Switch Speed:	600 nsec
Operating Power:	<= 0 dBm
Power Handling:	+ 27 dBm Max
Operating Tempurature:	-25°C to +80°C
DC Supply:	+12 to +15 Volts @ 100mA typical -12 to -15 Volts @ 50mA typical

Notes:

Harmonic distortion is affected by input power and frequency. Typical distortion is 50 dBc for input power less than 0.0 dBm. Two tone intermodulation products are typically 54 dBc for input power less than 0.0 dBm.

These attenuators are bi-directional. Either J1 or J2 can be used as input.

Attenuator Accuracy vs. Frequency

Bandwidth (2:1)		Bandwidth (4:1)	
Flatness (dB)	Attenuation (dB)	Flatness (dB)	Attenuation (dB)
± 0.5	0 - 10	± 0.6	0 - 10
± 0.8	0 - 20	± 1.2	0 - 20
± 1.2	0 - 30	± 1.8	0 - 30
± 1.5	0 - 40	± 2.2	0 - 40
± 2.2	0 - 64	± 3.5	0 - 64

PULSAR MICROWAVE CORPORATION
PULSAR MICROWAVE CORPORATION
48 INDUSTRIAL WEST, CLIFTON NJ 07012
TEL: 973-779-6262 FAX: 973-779-2727
WWW.PULSARMICROWAVE.COM

DESCRIPTION : Voltage Controlled Linearized Attenuator

MODEL NO. : AAT-22-479A/7S

DIMENSIONS ARE IN INCHES
DECIMAL TOLERANCE:
2 PLACE ± .02
3 PLACE ± .010

SIZE A | CAGE CODE : 0HR85 | REV CODE :

SCALE : N / A | ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME | SHEET 1 OF 1