



ACAT-A121 VOLTAGE-VARIABLE ATTENUATOR

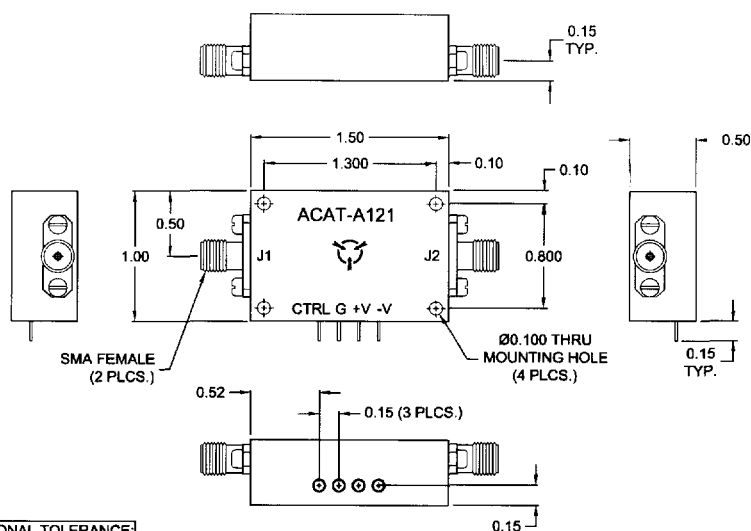
FEATURES

- Non-reflective
- 35dB Minimum Attenuation
- Integral Linearized Driver
- Monotonic
- 10dB per Volt Transfer Function

VOLTAGE-VARIABLE ATTENUATOR ELECTRICAL SPECIFICATIONS

Part Number:	ACAT-A121
Frequency Range:	12 - 16GHz min
Insertion Loss:	2.7dB max
VSWR:	2.0:1 max (50 Ohm)
Attenuation Accuracy:	±0.5dB max @ mid-band (0dB - 30dB) ±1.0dB max @ mid-band (30dB - 35dB)
Attenuation Flatness:	±0.5dB max (0dB - 10dB) ±1.0dB max (10dB - 30dB) ±1.5dB max (30dB - 35dB)
Attenuation Range:	35dB min
RF Power, Operating:	500mW max
Control:	10dB per Volt, 0 to 3.5V Control Range
Switching Speed:	1usec max
DC Bias:	+15V @ 25 mA -15V @ 10 mA
Temperature, Operating:	-40°C to +85°C
Temperature, Storage:	-55°C to +125°C
RF Connectors:	SMA Female
Bias and Control:	0.020" Dia Solder Pin
Finish:	Gray Epoxy Paint Per Mil-C-22750

VOLTAGE-VARIABLE ATTENUATOR CASE STYLE DRAWING



DIMENSIONAL TOLERANCE:
XX = ±0.010
XXX = ±0.005