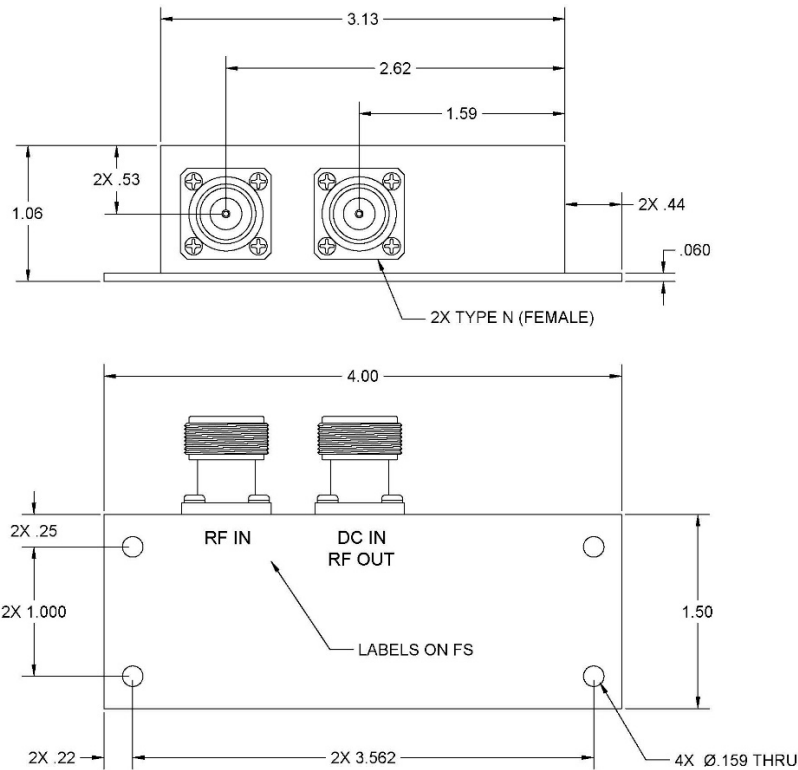




AM-212SN LOW NOISE AMPLIFIER

UHF/SATCOM OPTIMIZED INTEGRAL BIAS-TEE



ELECTRICAL SPECIFICATIONS

Passband	243-270 MHz
VSWR, Input (Ref. 50 Ω), 243-270 MHz	1.5:1 max.
VSWR, Output (Ref. 50 Ω), 243-270 MHz	1.5:1 max.
Gain, 243-270 MHz	34 dB min., 36.5 dB max.
Passband Roll-off	1.0 dB max.
Gain Roll-off, 0-80, 550-1000 MHz	30 dB min.
Noise Figure, 243-270 MHz	1.1 dB max.
Input @ 1 dB gain compression, 243-270 MHz	-18 dBm min.
Input Signal, 30-800 MHz, Input Port (protection level)	1 W CW max.
Reverse Isolation, 0-600 MHz	47 dB min.
Group Delay, 243-270 MHz	4-7 ns nom.

GENERAL CHARACTERISTICS

WEIGHT	6 oz. max.
SIZE, excluding connectors	4.00" x 1.50" x 1.06"
CONNECTORS	
RF Input	Type N (Female)
RF Output/ DC Input	Type N (Female)
DC Operating Power via internal bias-tee	
Voltage	+28 VDC nom.
Current	90 mA nom.

REV 01/25/2023