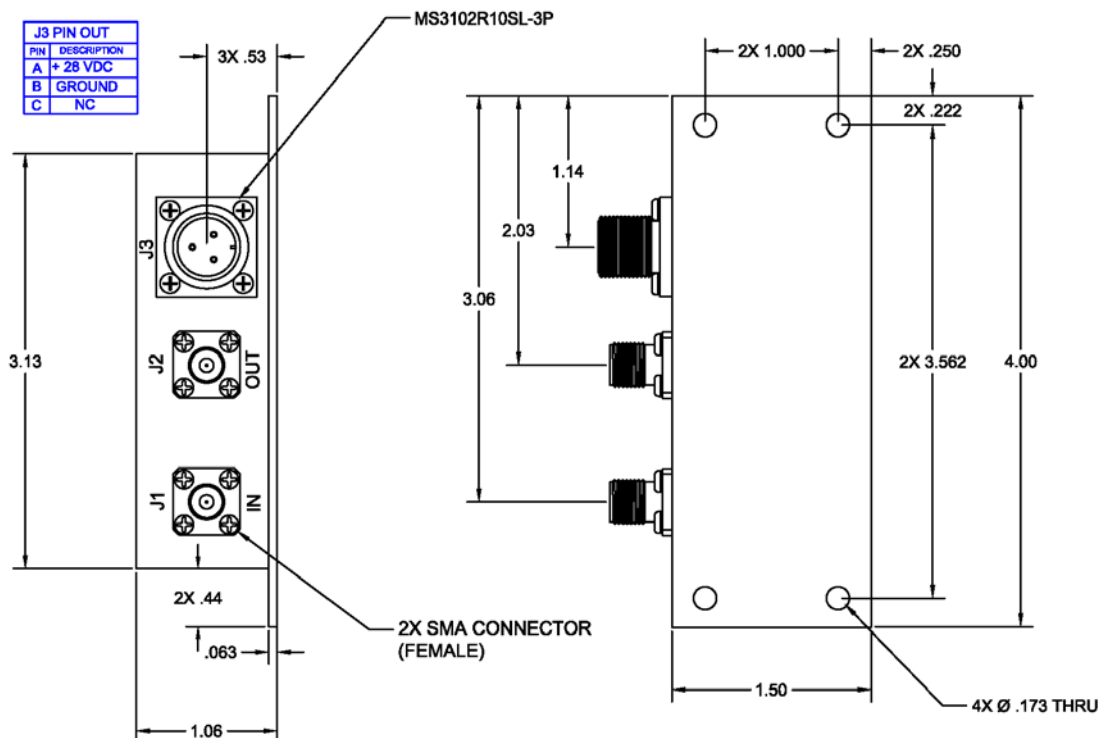




AM-212A

LOW NOISE AMPLIFIER UHF SATCOM (DAMA)



ELECTRICAL SPECIFICATIONS

Bandwidth @ 0.5 dB down from mid-band	240-272 MHz min.
VSWR, Input	2.0:1 max.
VSWR, Output	1.5:1 max.
Gain 243-270 MHz	31 dB min, 34 dB max.
Noise Figure, 243-270 MHz	1.0 dB max.
Input @ 1 dB gain compression	-18 dBm min. (Note 1)
Max Input Signal (protection level)	+30 dBm
Intercept Point, third order	+23 dBm nom. (Note 1)
Power	
Voltage	+22 to +35 VDC
Current	90 mA nom.

Note 1: Protection of the LNA output from incident signals up to 1 Watt CW may be provided, however, this will decrease the input @ 1 dB gain compression to -25 dBm min., with a corresponding decrease in the third order intercept point.

GENERAL CHARACTERISTICS

WEIGHT	6 oz.
SIZE, excluding connectors	4.00" x 1.50" x 1.06"
CONNECTORS	
DC, J3	MS3102R10SL-3P
RF, J1 and J2	SMA (FEMALE)

REV: 11/4/16