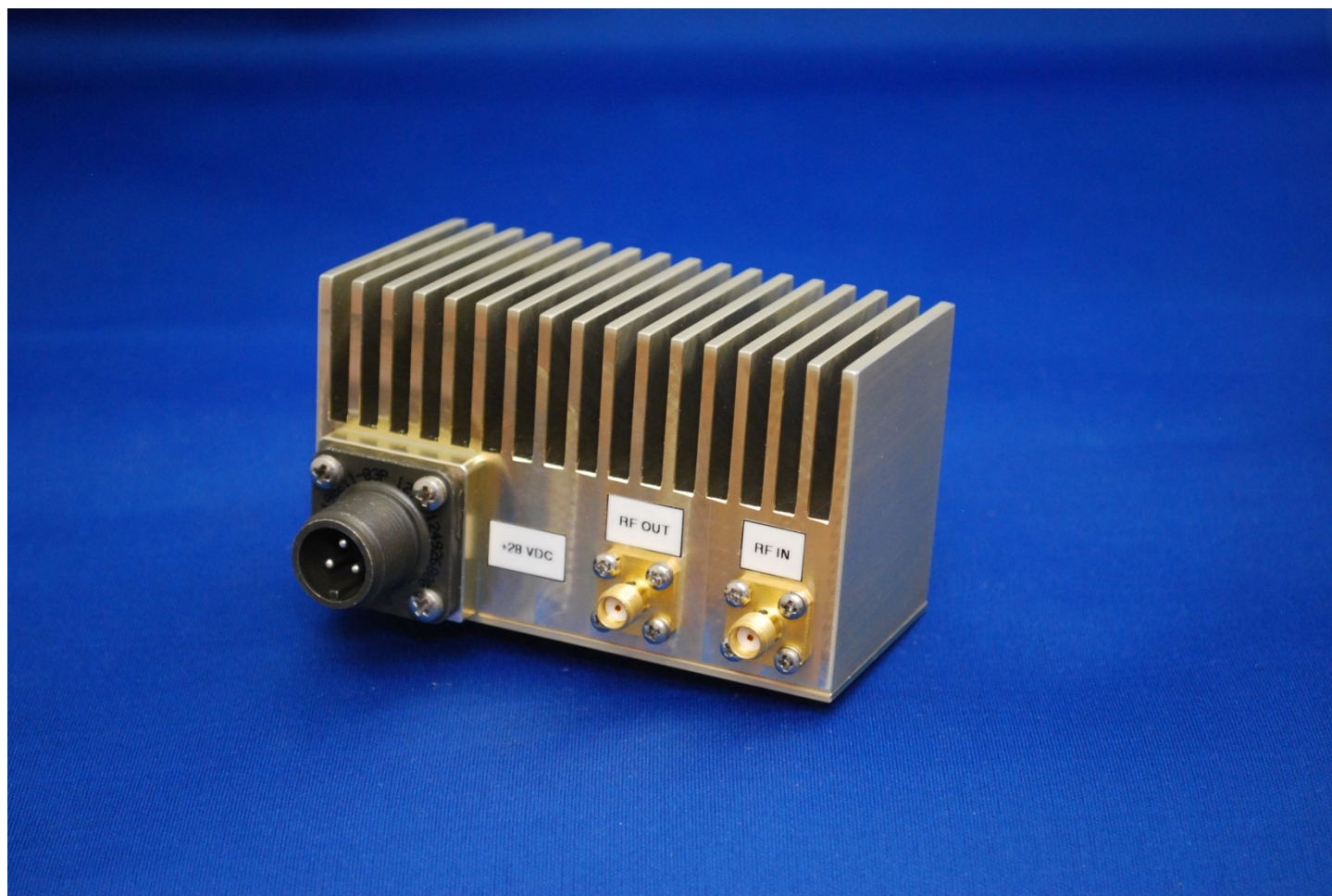




AM-219

LOW NOISE AMPLIFIER



DESCRIPTION

UHF SATCOM LNA

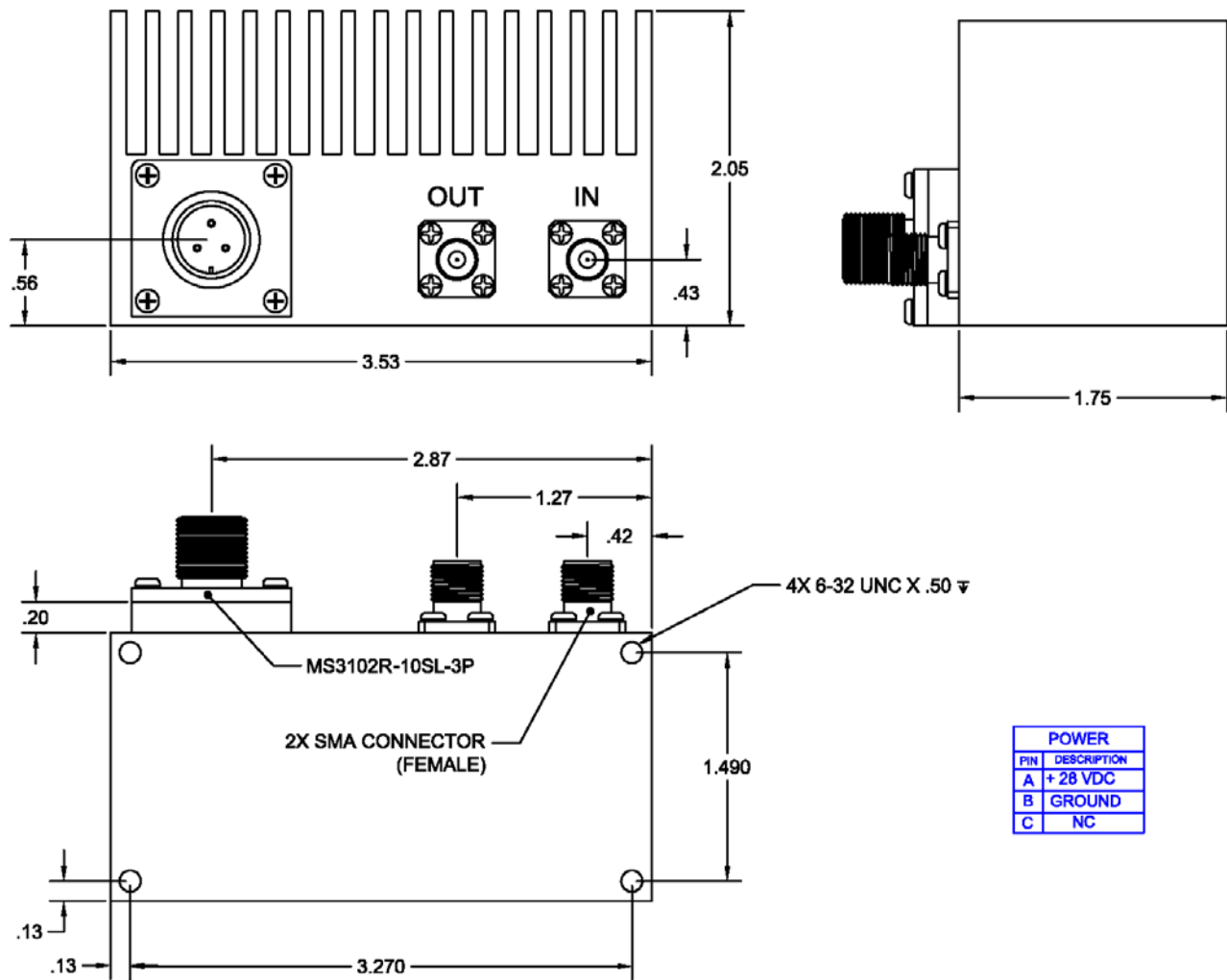
FEATURES

- Very low noise figure
- Very high dynamic range
- Optimized for receiving applications

MPI METROPOLE PRODUCTS, INC
[THE FREQUENCY OF INNOVATION]

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sales@metropoleproducts.com
2040 Jefferson Davis Highway, Stafford, Virginia 22554

www.MetropoleProducts.com



POWER	
PIN	DESCRIPTION
A	+28 VDC
B	GROUND
C	NC

ELECTRICAL SPECIFICATIONS

Gain, 243-270 MHz	30 dB min.
Noise Figure, 243-270 MHz	0.8 dB max.
Bandwidth @ 1 dB down (relative to 256 MHz)	240-272 MHz min.
VSWR, Input (ref. 50 Ohms)	1.5:1 max.
VSWR, Output (ref. 50 Ohms)	1.5:1 max.
Input @ 1 dB gain Compression, 243-270 MHz	0 dBm nom.
Input Signal 100-400 MHz, Input port	+30 dBm max.
Intercept point, third order, 243-270 MHz	+43 dBm nom.

GENERAL CHARACTERISTICS

Preamp Power	
Voltage	+24 to +32 VDC, +28VDC nom.
Current	480 mA nom.
Size (excluding connectors)	1.75" x 3.53" x 2.05"
Weight	14 oz. max.
Connectors	
Input	SMA (Female)
Output	SMA (Female)
Power	MS3102R-10SL-3P

REV 2/27/2015