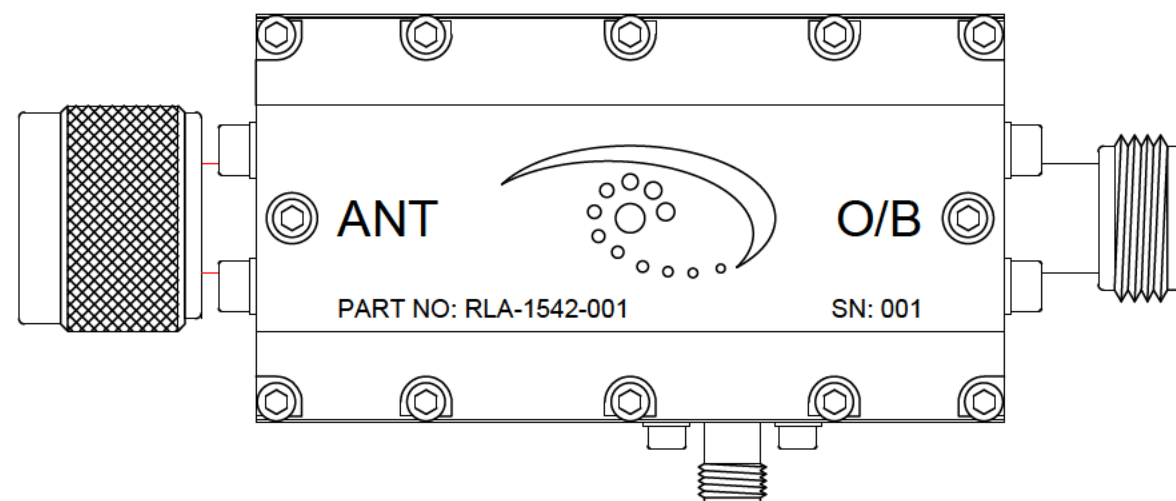
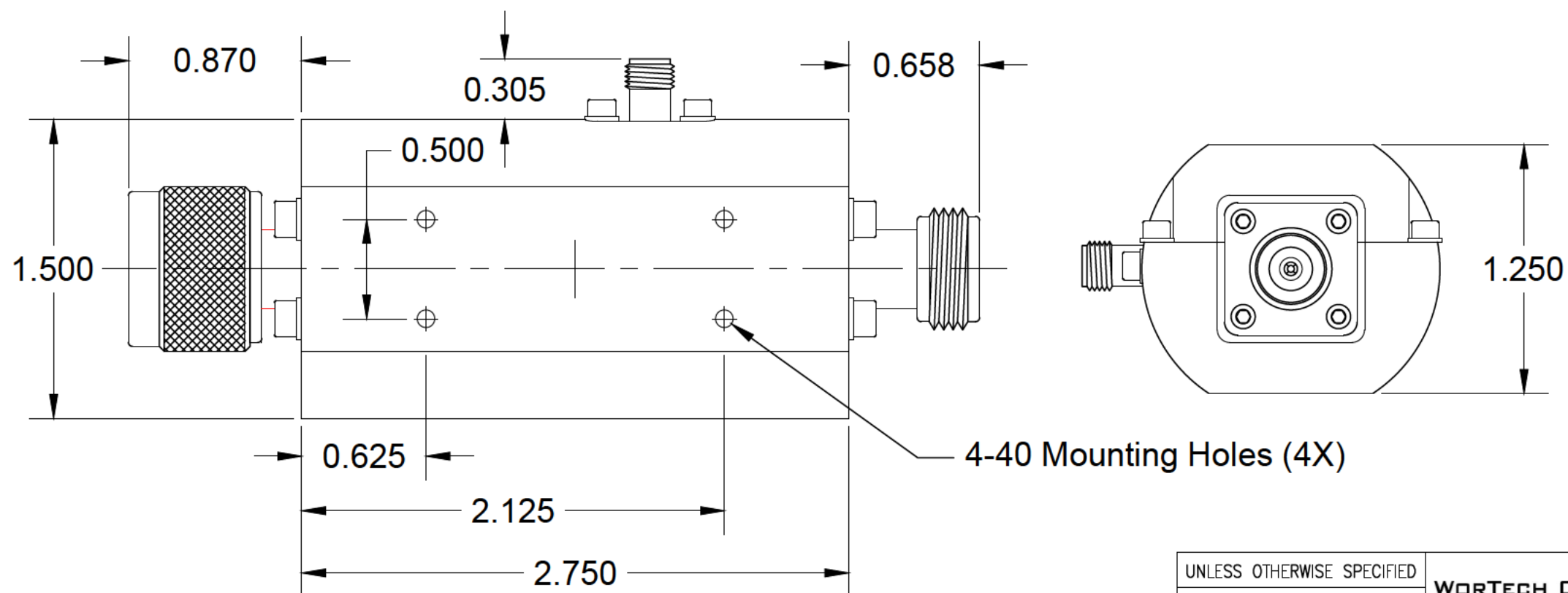




* NOTES

-20 dB MON.



4-40 Mounting Holes (4X)

SPECIFICATIONS

Operating Temp Range:	-20 to +60 degC
Frequency:	1542 MHz
Gain:	+50 dB typ., 40 dB min.
Noise Figure:	0.5 dB typ., 1 dB max.
Input_P1dB:	-36 dBm typ.
Output_P1dB:	+13 dBm typ., 10 dBm min.
Output_IP3:	+24 dBm typ.
IN-OUT SWR:	2:1 max.
Bandwidth:	72 MHz typ.
Monitor Port (SMA):	-20 dB typ. coupling
** Supply:	+12 to +24 VDC
Current:	225 mA typ., 300 mA max.
Weight:	8 oz. typ.

* BIAS VOLTAGE FED THRU OUTPUT CONNECTOR

* REVERSE POLARITY PROTECTION

** EXPANDED OPERATING VOLTAGE RANGE **

BIAS VOLTAGE ABOVE +15V MAY REQUIRE
BASEPLATE MOUNT FOR HEATSINKING

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES
TOLERANCES ON:
.XX = $\pm .01$
.XXX = $\pm .005$
ANGLES = $\pm 1/2^\circ$

MATERIAL:
6061-T6 Aluminum

FINISH:
Desert Tan Weathercoat

WORTECH CORP
MISSION FOCUSED TECHNOLOGY DRIVEN



ENGINEER: D.NEWMAN

DATE: 20-FEB-2020

FILENAME:

RLA-1542-001_datasheet_rev2

DATASHEET / OUTLINE DRAWING

DESCRIPTION:

RUGGED LNA ASSEMBLY

SIZE B	PART NO: RLA-1542-001	REV 001
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SCALE: 1.5:1

SHEET 1 OF 1