ANTCOM CORPORATION . 367 Van Ness Way, Suite 602 . Torrance, CA 90501, USA . Tel: (310) 782-1076 . Fax: (310) 782-1086 . E-mail: antennas@antcom.com . http://www.antcom.com

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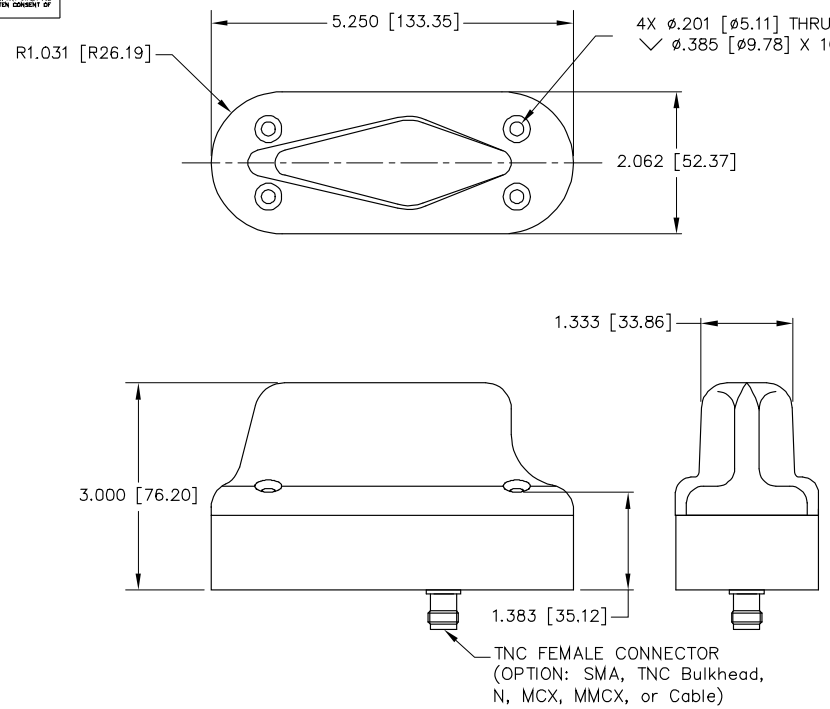
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS

ELECTRICAL:

	PCS, 802.11b, 802.11g, WiFi, Bluetooth, Hotspot	802.11a, WiFi, ISM
	L/S-BAND	C-BAND
FREQUENCY (MHz):	(1700-1850-2200-2500)	(4400-5850)
PATTERN:	OMNIDIRECTIONAL	
POLARIZATION:	VERTICAL	
ANTENNA GAIN :	> 2 dB	
VSWR:	2:0:1	
OUTPUT IMPEDANCE:	50 Ω	
POWER HANDLING:	>50 watts (without LNA)	
LNA OPTION:	GAIN: 12 dB, NF: 4.1 dB, OP1dB: +13dB, OIP3: +28dB DC: 12 Volt @ 50mA	



MECHANICAL:

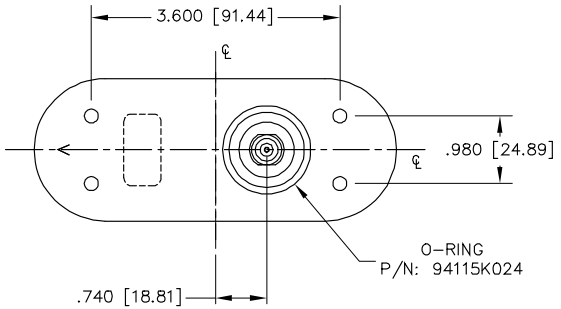
SIZE:	WIDTH 2.06 in. [44.45 mm], LENGTH 5.25 in. [133.35 mm], HEIGHT 3.00 in. [76.20 mm]
WEIGHT:	7.6 oz. (215.4 g)
FINISH:	SKYDROL RESISTANT POLYURETHANE ENAMEL BASE IRIDITE PER MIL-C-5441F
COLOR:	LUSTERLESS GRAY #36320 PER FED-STD-595B GLOSS WHITE #17925 PER FED-STD-595B CAMO GREEN #34094 PER FED-STD-595B LUSTERLESS BLACK #37038 PER FED-STD-595B DESERT TAN #33446 PER FED-STD-595B
MATERIAL:	6061-T6 ALUMINUM ALLOY BASE THERMOSET PLASTIC RADOME, UV, ABRASION AND SKYDROL RESISTANCE
CONNECTOR:	TNC FEMALE (OPTION: SMA, TNC Bulkhead, N, MCX, MMCX, or Cable)

ENVIRONMENTAL:

TEMPERATURE:	-67°F TO +185°F [-55°C TO +85°C]
ALTITUDE:	70,000 ft.
VIBRATION:	10 G's
LEAKAGE:	HERMETICALLY SEAL

FEDERAL & MILITARY SPECIFICATIONS:

DESIGN TO: DO-160D, MIL-C-5541, MIL-E-5400, MIL-I-45208A, AND MIL-STD-810



1. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS [mm]

NOTES: UNLESS OTHERWISE SPECIFIED:

ITEM NO	QUANTITY REQD	DESCRIPTION	PART NO	MATERIAL	FINISH
PARTS LIST					
1	2	O-RING	94115K024, Item 553	–	–
2	1	SCREW, MOUNTING	91771A838, Item 577-2.0	–	–

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: FRACTIONS ± 1/64, DECIMALS .XX± .015 .XXX± .005, ANGLES ± 1°. TOLERANCE SYM PER ANSI Y14.5. REMOVE ALL BURRS. BREAK EXTERNAL EDGES .005 TO .015. FILLETS R .005 TO R .030. SCREW THREADS PER MIL-S-8879. DIA'S ON A COMMON ℄ Ø.005. MACHINED SURFACES 126. DO NOT SCALE DRAWING.

ORIGINALLY DRAWN	S. HUYNH	April-24-15
ORIGINALLY DESIGNED	S. HUYNH	April-24-15
UPDATED	S. HUYNH	Dec-04-15
UPDATE DRAWN	P. TRAN	Dec-04-15
APPROVED	S. HUYNH	Dec-04-15

ANTCOM CORP. TORRANCE, CALIFORNIA

OUTLINE DRAWING
Active L/S/C-BAND
VIDEO/DATA LINK ANTENNA

SIZE D | CAGE NO 3CVE1 | DRAWING NO 2B-1.70-5.85A2-XT-4-OFFSET | REV –

SCALE 1/1 | SHEET 1 OF 1