

8

7

6

5

4

3

2

1

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED
2	ENGINEERING RELEASE	09/23/10	

NOTES: UNLESS OTHERWISE SPECIFIED.

1

 LABEL LOCATED APPROXIMATELY WHERE SHOWN.

2. TOLERANCE: .XX = ±.03
.XXX = ±.010

1

LABEL

2X

RF CABLE

Ø5.75

3.48

Ø1.64

REF. INSTALLATION HOLE

2.85

FIXED MOUNT ANTENNA

1

LABEL

2X

RF CABLE

Ø5.75

2.85

8X MOUNTING MAGNET

2.85

MAGNET MOUNT ANTENNA

DO NOT SCALE THIS DRAWING

REMOVE BURRS AND BREAK SHARP EDGES:

PART TO BE CLEAN AND OIL FREE

ALL DIMENSIONS ARE IN INCHES

DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994

TOLERANCES:

.XX

±.01

FRACT

= ±1/32

.XXX

±.005

ANG.

= ±1/2°

✓

SURFACE ROUGHNESS

MACHINED PARTS V63

MOLDED PARTS V32

HOLE DIA.

TOLERANCE

.0135 - .125

+ .004

- .001

.126 - .250

+ .005

- .001

.251 - .500

+ .006

- .001

.501 - .750

+ .008

- .001

DRAWN

A. GUTIERREZ

09/23/10

CHECKED

I. SIROVIN

09/23/10

ENGR

E. NABOYSHCHIKOV

09/23/10

MFG

Q.A.

APPROVED

DRAWN IN

CAD

NEXT ASSY

AeroAntenna Technology Inc

AS9100 CERTIFIED CO.

TITLE

INMARSAT/GPS RoHS,
VEHICULAR ANTENNA

SIZE

B

CAGE CODE

OUVG2

DRAWING NO.

AT1595-83-R

REV

2

SCALE

NONE

I:\CAD\AT1595\83\AT1595-83-R_2

SHEET

1 OF 1

SPECIFICATION:

FREQUENCY:

1518.0 to 1525.0 MHz Inmarsat Receive (extended)

1525.0 to 1559.0 MHz Inmarsat Receive (operational)

1575.42 ± 10.25 MHz (GPS L1)

1626.5 to 1660.5 MHz Inmarsat Transmit (operational)

1668.0 to 1675.0 MHz Inmarsat Transmit (extended)

POLARIZATION:

RIGHT HAND CIRCULAR

LIGHTNING PROTECTION:

DC GROUNDED

IMPEDANCE:

50 Ω

CONNECTOR(S):

INMARSAT RX/TX = SMAF

GPS = SMAF

WEIGHT:

1.91 LBS MAX.

OPERATING TEMP:

-25°C to +55°C

DESIGNED TO:

INMARSAT RFI 1401

FCC ID:

YP9AT1595

IC:

9218A-AT1595

CANADA:

310

CE

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

AT1595-83-R

ENGINEERING APPROVED DOCUMENT

09-23-2010

PROPRIETARY NOTE: This document contains information of AeroAntenna Technology Inc. (AAT). Neither the document nor said proprietary information shall be published, reproduced, copied, disclosed or used for any other purpose other than consideration of document without the express written permission of a duly authorized representative of said AeroAntenna Technology Inc.