NOTES: UNLESS OTHERWISE SPECIFIED
1. LOGO OPTIONAL.
2. LABEL SIZE, SHAPE, AND CONTENTS SUBJECT TO CHANGE WITHOUT NOTICE.
3. COLOR OPTIONAL: RED, BLUE, BLACK
4. LOGO OPTIONAL LOCATION.
5. INSERT NOT INCLUDED WITH ANTENNA.
6. TOLERANCES: ±.03, ±.010
7. MOLDED 1-14 UNS-2B THREAD WITH 5/8-11 UNC-2B ADAPTER (OPTIONAL)

SPECIFICATION:

FREQUENCY:
1590 ±25 MHz
1238 ±21.5 MHz

POLARIZATION:
RIGHT HAND CIRCULAR

AXIAL RATIO:
3 dB MAX @ BORESIGHT

RADIATION COVERAGE:
TBD

AMPLIFIER:
NOISE FIGURE:
2.5 dB MAX

IMPEDANCE:
50 OHMS

VSWR:
≤2.0:1

BAND REJECTION:
20 dB @ 250 MHz

VOLTAGE:
+4.25 TO +15 V DC

CURRENT:
70 MAX

CONNECTOR:
TNCF BULKHEAD

WEIGHT:
1.36 LBS

OPERATING TEMP:
-40°C TO +75°C

DESIGNED TO:
DO-160

ROHS COMPLIANT:
TNCFB = TNCF BULKHEAD
MAGNET:
NM = NO MAGNET
GAIN:
(±3 dB) 38 dB (70 mA)

VOLTAGE:
RG = +4.25 TO +15 VDC

STANDARD MODEL:
AT1675-7-TNCFB-000-RG-38-NM-R

AeroAntenna Technology Inc

SA9100 CERTIFIED CO.

01/01/07

DRAWN
STEVE VALDES
S. VALDES
01/01/07

CHECKED
DANNY LEVY
01/08/09

APPROVED
YOUSI Z.
01/08/09

DRAWN IN
MCAD

DRAFTING DATE
01/08/09

REV
A

SHARP EDGES

PART TO BE CLEAN AND OIL FREE

SURFACE ROUGHNESS
MACHINED PARTS #63
MOULDED PARTS #63

DRAWN IN MCAD

SCALE
N/A

Antenna

SIZE
0

CAGE CODE
UVG2

DRAWING NO.
AT1675-7

DATE
01/08/09

SA9100 CERTIFIED CO.

1 OF 1 SHEET

S. VALDES

DANNY LEVY

YOUSI Z.