SPECIFICATION

FREQUENCY: 243–380 MHz (LEGACY AND MUOS BANDS)
INSTANTANEOUS BANDWIDTH: 137 MHz
POLARIZATION: RHCP
INPUT IMPEDANCE: 50 OHMS NOMINAL
INPUT POWER: 100 WATTS CW
RF CONNECTOR: TYPE N
VSWR: AVERAGE 2.0:1 OR LESS
GAIN: +3.5 TO +6.0 dBi @ 90° (BASED ON COMPUTER SIMULATION)
+4.0 TO +4.3 dBi @ 45° (BASED ON COMPUTER SIMULATION)
−2.4 TO 0.0 dBi @ 10° (BASED ON COMPUTER SIMULATION)
HEIGHT: 15" NOMINAL
DIAMETER: 8 1/4" NOMINAL
COLOR: GREEN, TAN, BLACK

FOUR .438" DIA HOLES
SPACED 90° APART ON
4.5" BOLT HOLE CIRCLE

TYPE N CONNECTOR
243–380 MHz

BOLT HOLE MOUNTING PATTERN

BOTTOM VIEW

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
J = 8 TOL .003
JO = 8 TOL .001
HOLES = 8 TOL .003

SATCOM—ON-THE-MOVE, VEHICULAR
ANTENNA, 243–380 MHz

PART# SOTM-2438/VRC