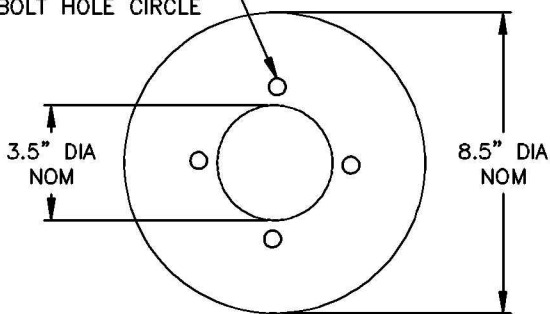


SPECIFICATION

FREQUENCY: 243-380 MHz (LEGACY AND MUOS BANDS)
 INSTANTANEOUS BANDWIDTH: 137 MHz
 POLARIZATION: RHC
 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

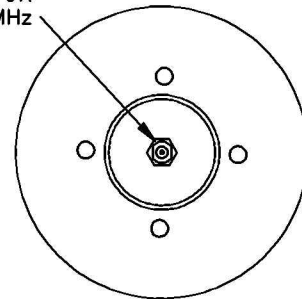


FOUR .438" DIA HOLES
 SPACED 90° APART ON
 4.5" BOLT HOLE CIRCLE



BOLT HOLE MOUNTING PATTERN

TYPE N CONNECTOR
 243-380 MHz



BOTTOM VIEW

REV	DESCRIPTION	BY	DATE	DO NOT SCALE DRAWING	 SINCE 1897 ELECTRONIC PRODUCTS GROUP COLUMBIA, S.C. 29203	DRAWN	ENG APPROVAL	SCALE	DATE
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. .X = ± TOL_X .XX = ± TOL_XX .XXX = ± TOL_XXX ANGLES = ± TOL_ANG		SATCOM-ON-THE-MOVE, VEHICULAR ANTENNA, 243-380 MHz			
PART#						SOTM-2438/VRC			