



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
G	REDRAWN, REF ECH 03.267	01/06/04	DH 02/06/04
H	REF ECH 08.595	12/08/05	DH 12/09/08
J	REF ECH 19.009	01/19/19	DH 01/19/19
K	REF ECH 20.059	RM 1 3/31/21	DH 02/07/21

- NOTES: UNLESS OTHERWISE SPECIFIED
- RF CHARACTERISTICS
    - 1.1 FREQUENCY 118 - 137 MHz
    - 1.2 VSWR 2.9 : 1 MAX
    - 1.3 RETURN LOSS -6.25 dB
    - 1.4 POLARIZATION VERTICAL
    - 1.5 RADIATION PATTERN OMNIDIRECTIONAL
    - 1.6 POWER RATING 25 WATTS
    - 1.7 IMPEDANCE 50 OHMS
  - FINISH: GLOSSY WHITE POLYURETHANE PAINT, NON YELLOWING.
  - MOUNTING SURFACE, CONNECTOR AND MOUNTING HOLES ARE FREE OF PAINT.
  - WEIGHT: 1.25 LB. MAX.
  - TSO C37G, C38G, R1CA, DO-160D, BNV, CAT: [D2X]ACB[R(C)U]F[F1]XWFD[SXXXXXX]X[XXXX]XAX
  - AIR SPEED RATING: 350 KNOTS TAS

▲ HOLES REQUIRED THRU OML OF AIRCRAFT FOR INSTALLATION.

INSTALLATION DRAWING

UNLESS OTHERWISE SPECIFIED		CONTRACT NO.	
TOLERANCES UNLESS OTHERWISE SPECIFIED	FRACCTIONS ± .005	APPROVALS	DATE
MACHINE FINISH 125° PER ANGLE	ANGLES ± .1°	DRAWN	01/00/04
MEET DIMENSIONS BEFORE PLATING	MEET DIMENSIONS BEFORE PLATING	CHECK	02/00/04
MEET DIMENSIONS BEFORE PLATING	MEET DIMENSIONS BEFORE PLATING	ENGR	02/00/04
MATERIAL: -		OC	02/00/04
		APPD	02/00/04

Comant Industries, Inc.	
ANTENNA-VHF COMMUNICATIONS	DATE: 02/00/04
51351	REV: K
CI 196	SCALE: 1:1

ASSEMBLY DWG. C19601

DO NOT SCALE DRAWING