



REV	DESCRIPTION	DATE	APPROVED
U	REF ECH 00 53	HN 4/29/00	HN 4/29/00
G	REF ECH 00 55	HN 4/29/00	HN 4/29/00
H	REF ECH 02 49	DL 2/18/02	DH 2/19/02
J	REF ECH 06 120	HN 11/16/06	AV 11/17/06
K	REF ECH 06 155	HN 12/11/06	AV 12/12/06
L	REF ECH 08 095	MN 11/11/18	DH 11/11/18
M	REF ECH 19 070	RM 7/22/19	DH 7/23/19
N	REF ECH 19 110	RM 4/6/20	DH 4/6/20
P	REF ECH 20 050	RM 8/13/21	DH 08/13/21
R	REF ECH 23 554	RM 12/6/23	DH 12/06/23

UNLESS OTHERWISE SPECIFIED	CONTRACT NO.	Comant Industries, Inc.
TOLERANCES ON DECIMALS		
X .1 .03 .XX .1 .01 .XXX .1 .005		
FRACTIONS .1 .032 .001 .0005 .0001		
REMOVE BURRS AND	APPROVALS	
SHARP EDGES	DATE	
ALL DIMENSIONS ARE PER ASSEMBLY DIM	DRAWN A. TAJA	08/08/04
	CHECK R. SKEEN	08/08/04
	ENGR R. SKEEN	08/10/04
	APPR R. SICCAM	08/10/04
MATERIAL:		
DO NOT SCALE DRAWING		

ASSY. DWG. D12101

INSTALLATION INSTRUCTION

UNLESS OTHERWISE SPECIFIED

1. RF CHARACTERISTICS

- 1.1 FREQUENCY 118 - 137 MHz
- 1.2 VSWR 2.5:1 MAX
- 1.3 RETURN LOSS -7.36 dB
- 1.4 POLARIZATION VERTICAL
- 1.5 RADIATION PATTERN OMNI DIRECTIONAL
- 1.6 POWER RATING 50 WATTS
- 1.7 IMPEDANCE 50 OHMS

2. FINISH: GLOSSY WHITE POLYURETHANE PAINT.

3. MOUNTING SURFACE, CONNECTOR AND MOUNTING HOLES ARE FREE OF PAINT.

4. TSO C374, CS86, RTCA DO-160G, ENV. CAT. (D2X) (BB) (RC) (S) (C) (L) (U) (Z) (F) (I)

5. WEIGHT 0.9 LB. MAX.

6. AIR SPEED RATING: 250 KNOTS TAS

7. INSTALLATION INSTRUCTIONS IIA12122 SUPPLIED WITH ANTENNA

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