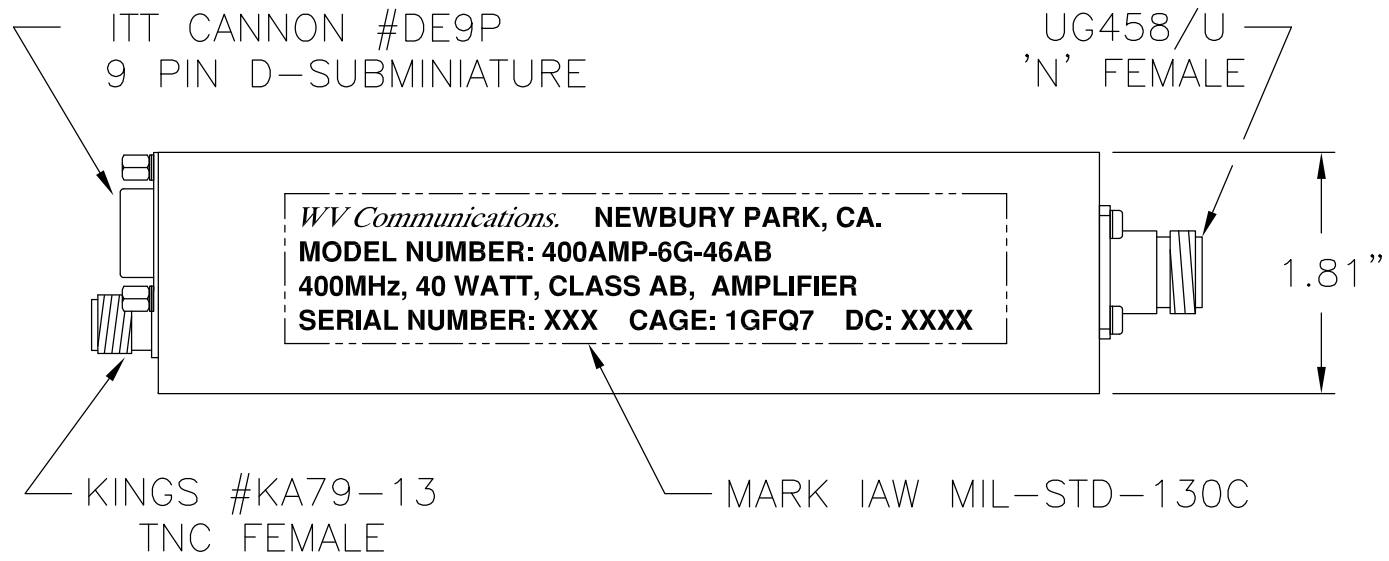
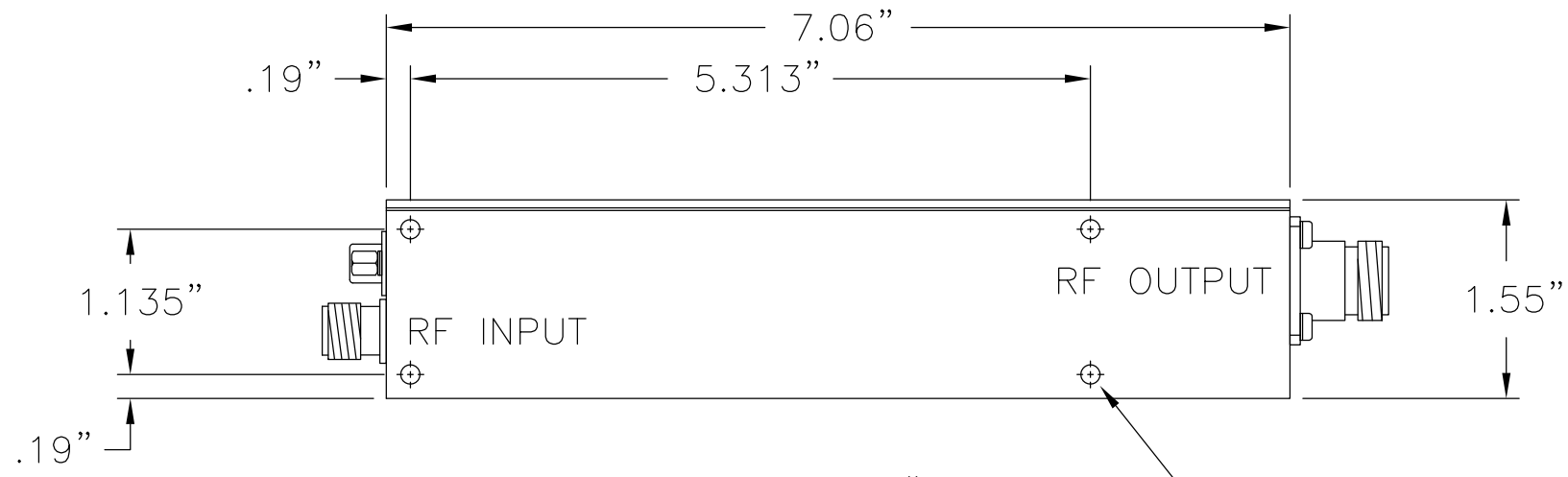


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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	PRELIMINARY RELEASE	09AUG02	TONY T.



OPERATING FREQUENCY RANGES: 401.7 - 402.1MHz
RF OUTPUT POWER: +46dBm ±1dB for +40dBm ±1dB RF Input Power
MAXIMUM RF OUTPUT POWER: 40 Watts
GAIN: 6dB Nominal
INPUT AND OUTPUT IMPEDANCE: 50 Ohm Nominal
INPUT OUTPUT VSWR: 1.5:1 Maximum
OUTPUT LOADIND: The output shall withstand short or open without damage
HARMONIC SIGNAL LEVELS: -60dBc Maximum
SPURIOUS SIGNAL LEVELS: -25dBc Maximum at ±1125 to ±2250Hz offset from carrier, -35dBc Maximum at ±2250 to ±4500Hz offset from carrier -60dBc Maximum at ±4500 and out
WORKMANSHIP: IAW MIL-STD-454J
INSPECTION & CONTROL: IAW MIL-I-45208A
TEMPERATURE RANGES: Operating -40 to +50°C
 Non-Operating -55 to +70°C
SHOCK AND VIBRATION: IAW MIL-STD-202F, Method 204, condition with 20 Minutes duration at 10G'S in each three perpendicular Axis
HUMIDITY: UP TO 100% Both operating & Non Operating
DC INPUT POWER: +12±2VDC at 7 Amps Maximum
NOAA REFERENCE: TBD



9 PIN D SUB MALE	
PIN NO.	FUNCTION
1	+12 VDC
2	+12 VDC
3	+12 VDC
4	+12 VDC
5	+12 VDC
6	GND
7	GND
8	GND
9	GND

NEXT ASSEMBLY	USED ON
APPLICATION	DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
 FRACTIONS DECIMALS ANGLES HOLES
 ± 1/64 .XX±.01 ±0°30' .XX±.005
 .XXX±.005 .XXX+.003
 .XXX-.001
 MACHINED FINISH: 32 RMS REMOVE BURRS .005 MAX

APPROVALS	DATE
DRAWN G. GODDARD	9AUG02
CHECKED TONY T.	09AUG02
MECH ENGR GG	09AUG02
ELEC ENGR JT	09AUG02
P/PA AM	09AUG02
APPROVED DB	09AUG02

WV Communications 1176 TOURMALINE DR. NEWBURY PARK, CA.

P/N 400AMP-6G-46AB
 401.7-402.1MHz, CLASS AB LINEAR
 40 WATT POWER AMPLIFIER

SIZE	CAGE CODE	DWG. NO.	REV
B	1GFQ7	050-50243	A
SCALE	SHEET		1 OF 1
NONE			

D
C
B
A

D
C
B
A

4 3 2 1

4 3 2 1

DC-FORM-00015-3, REV C, 06/98