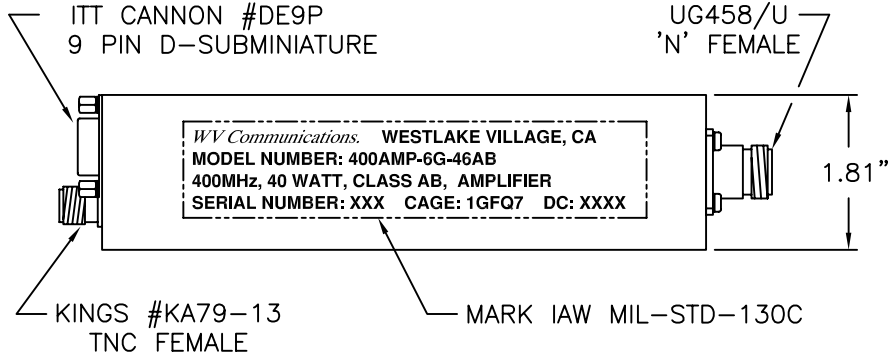
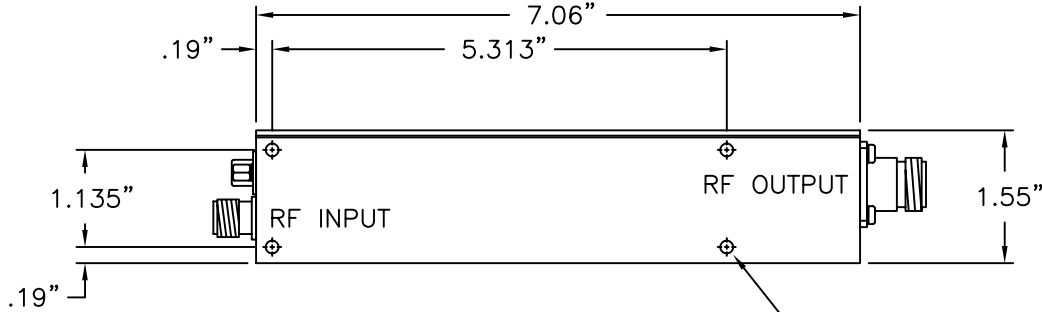


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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	PRELIMINARY RELEASE		



OPERATING FREQUENCY RANGES: 401.7 - 402.1MHz
RF OUTPUT POWER: +46dBm ±1dB for +40dBm ±1dB RF Input Power
MAXIMUM RF OUTPUT POWER: 50 Watts
GAIN: 6dB Nominal
INPUT AND OUTPUT IMPEDANCE: 50 Ohm Nominal
INPUT OUTPUT VSWR: 1.5:1 Maximum
OUTPUT LOADING: 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



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
 FRACTIONS DECIMALS ANGLES HOLES
 ± 1/64 .001 ±0°30' .002
 .001 .005 .001 .001
 MACHINED FINISH: 32 RMS REMOVE BURRS .005 MAX

APPROVALS		DATE
DRAWN G. GODDARD		9AUG02
CHECKED		
MECH ENGR		
ELEC ENGR		
P/PA		
APPROVED		
NEXT ASSEMBLY	USED ON	
APPLICATION		DO NOT SCALE DRAWING

WV Communications 756-A LAKEFIELD RD. WESTLAKE VILLAGE, CA

**401.7-402.1MHZ, CLASS AB LINEAR
 40 WATT POWER AMPLIFIER**

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

DC-9000-0010-1 REV C 04/98