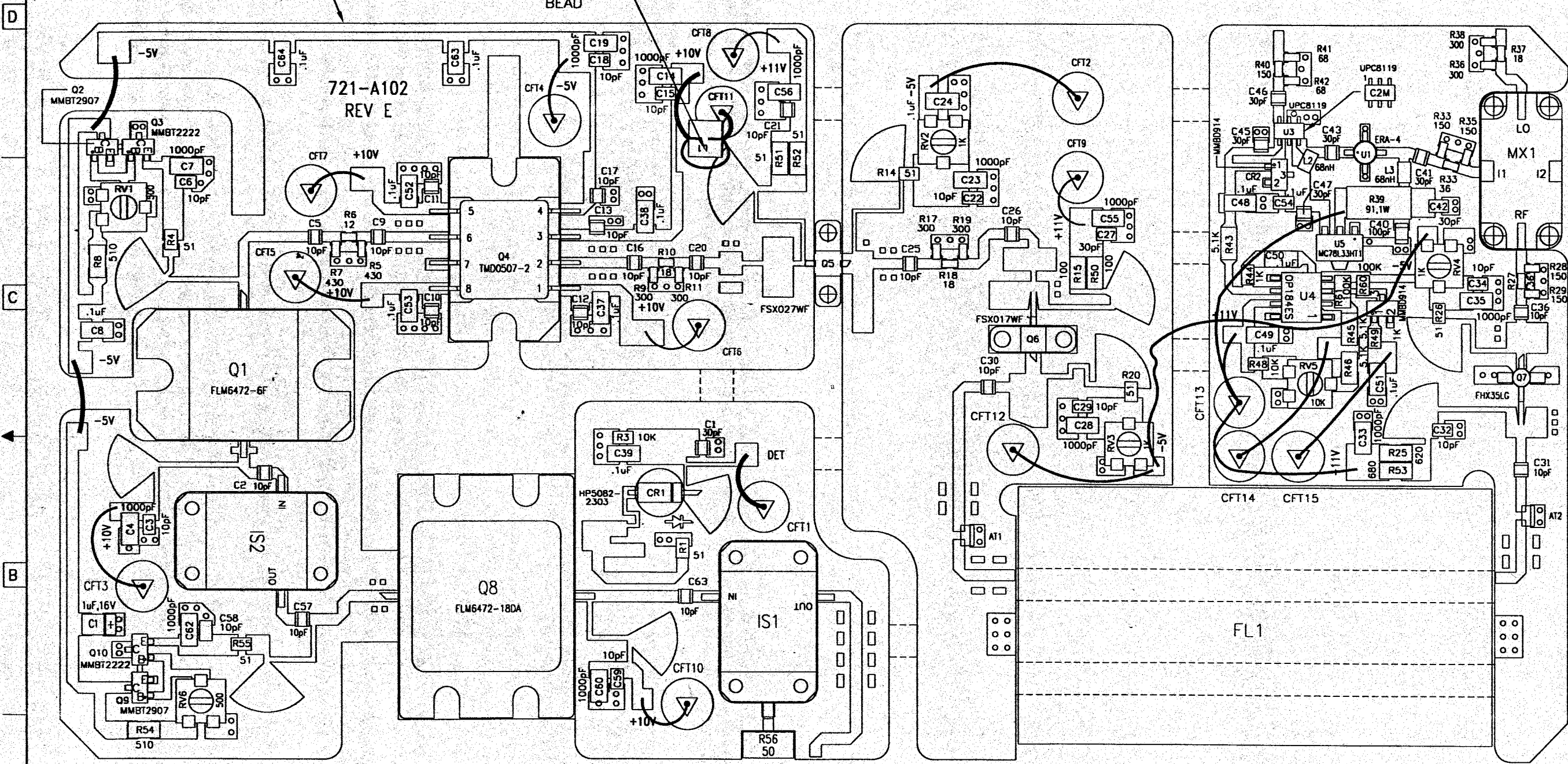


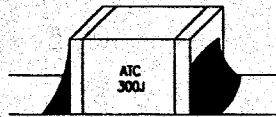
ZONE	REV	REVISION DESCRIPTION	DATE	CHG BY	APPROVED
	D	SEE ECN #000090, NEW PCB ISSUED	07/03/00	JAG	JBP
	E	SEE ECN #010170, NEW PCB ISSUED	08/15/01	JAG	JBP



MASTER

WIRE COLOR CHART	
FUNCTION	DESCRIPTION/COLOR
+11V	#28AWG YELLOW TEFLON
+10V/+5V	#28AWG YEL/WHT TEFLON
-5V	#28AWG BLUE/WHT TEFLON
RF DET.	#28AWG WHT/ORG TEFLON
OUT. LEV.	#28AWG WHT/BRN TEFLON

NOTE: CAPACITORS C40, C41, C42, & C50 MUST BE MOUNTED SUCH THAT MARKING IS ON THE SIDE OF THE CAPACITOR, NOT FACING UP OR DOWN. (SEE PICTURE BELOW)



MOUNT ON EDGE

DASH #	DESCRIPTION	ASY & SCH
-00	MASTER, 6.4-7.2 GHz	-00
-01	10W, 6.4-7.2 GHz	-01

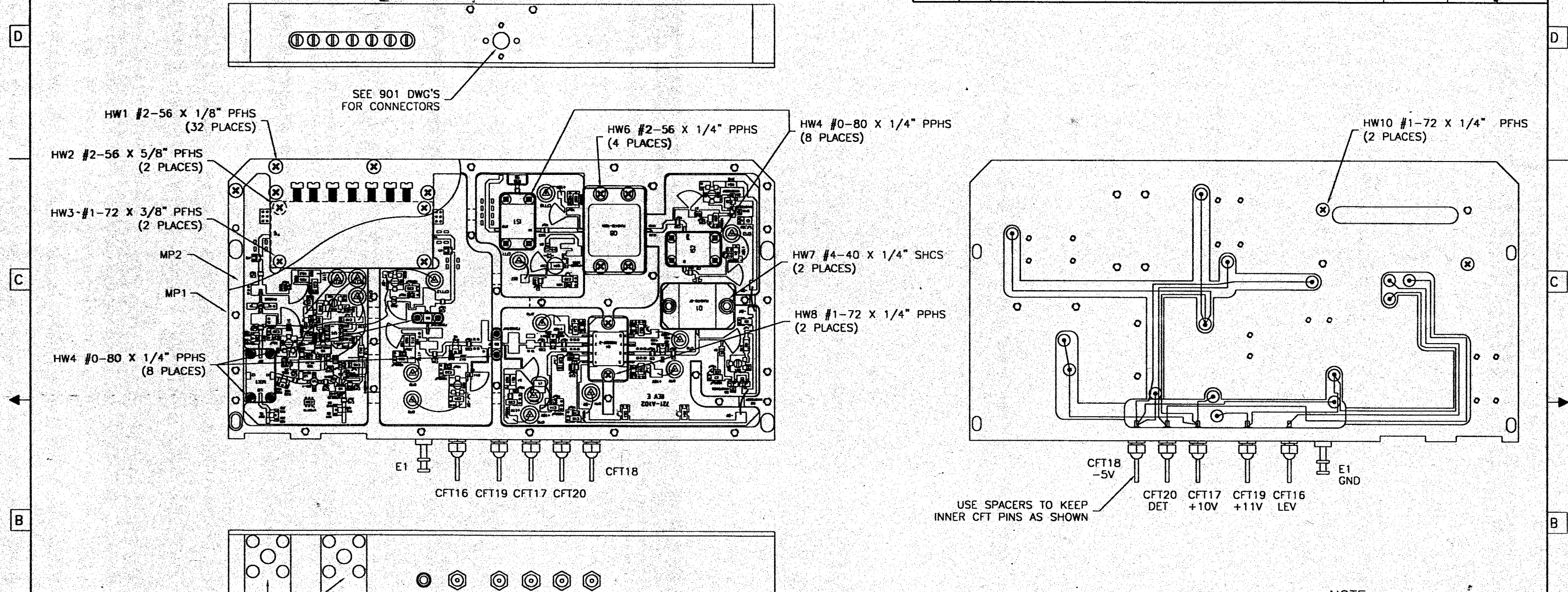
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. DO NOT SCALE PRINT		
TOLERANCE ON		
ANGLES	.XX	.XXX
Ø-15'	±.01	±.005
MACHINE SURFACE 64 EXCEPT AS NOTED ✓		
SCHEMATIC		

APPLICATIONS	
NEXT ASSY	

CONTRACT NO.:	
DWN:	DATE
JAG	85/14/88
CHK:	
ME:	
EE:	JBP
QC:	9/27/88

 Nucomm™		101 BILBY ROAD BUILDING 1 HACKETTSTOWN, N.J. - 07840	
ASSEMBLY UPCONVERTER/POWER AMP 6.4-7.125GHz 10 WATT			
SIZE B	FSCM NO. 0NG51	DWG NO. AS902-A102-00EB	REV E
SCALE: 1=1		FILE #: A102E001.DWG	SHEET 1 OF 2

ZONE	REV	REVISION DESCRIPTION	DATE	CHG BY	APPROVED
	D	SEE ECN #000090, NEW PCB ISSUED	07/06/00	JAG	JBP
	E	SEE ECN #010170, NEW PCB ISSUED	08/15/01	JAG	<i>[Signature]</i>



SEE 901 DWG'S
FOR CONNECTORS

CFT CONNECTION CHART

	CONNECTIONS ON BOTTOM SIDE
OUT LEV	CFT14 TO CFT16
RF DET	CFT1 TO CFT20, CFT15 TO CFT20
+11V	CFT8 TO CFT19, CFT9 TO CFT19 CFT13 TO CFT9
-5V	CFT18 TO CFT4, CFT2 TO CFT18, CFT12 TO CFT18
+5/10V	CFT3 TO CFT6, CFT10 TO CFT6, CFT11 TO CFT17 CFT6 TO CFT17, CFT5 TO CFT7, CFT7 TO CFT17

WIRE COLOR CHART	
FUNCTION	DESCRIPTION/COLOR
+10V	#28AWG YEL/WHT TEFLON
+11V	#28AWG YELLOW TEFLON
-5V	#28AWG BLUE/WHT TEFLON
RF DET.	#28AWG WHT/ORG TEFLON
OUTPUT LEV.	#28AWG WHT/BRN TEFLON

NOTE: USE #28 AWG TEFLON WIRE FOR ALL CONNECTIONS.

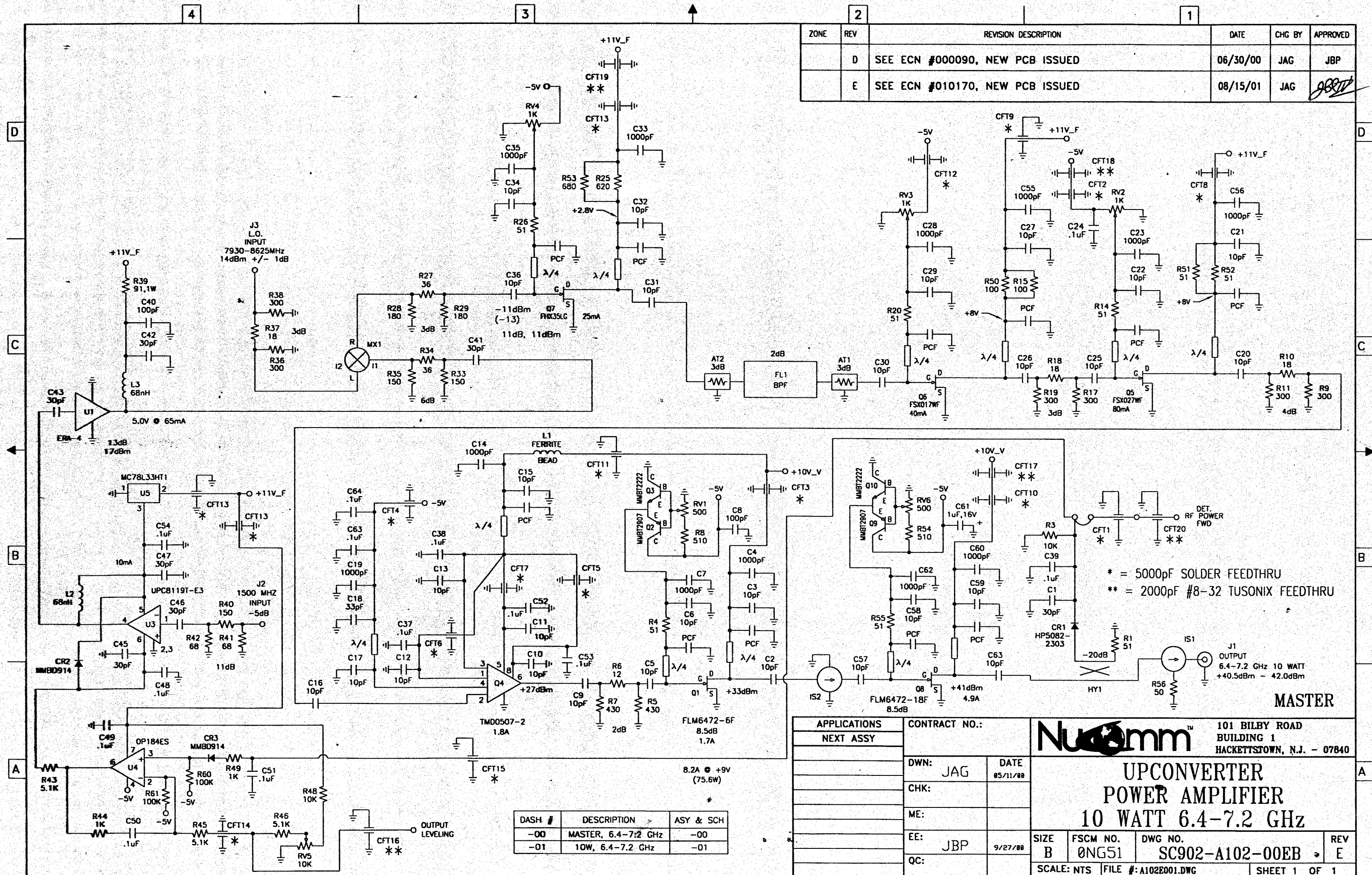
DASH #	DESCRIPTION	ASY & SCH
-00	MASTER, 6.4-7.2 GHz	-00
-01	10W, 6.4-7.2 GHz	-01

NOTE:
RTV WIRES TO
HOUSING AS
NEEDED.

MASTER

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. DO NOT SCALE PRINT	APPLICATIONS	CONTRACT NO.:		101 BILBY ROAD BUILDING 1 HACKETTSTOWN, N.J. - 07840
	NEXT ASSY	DWN: JAG	DATE 06/23/00	
		CHK:		
		ME:		
ANGLES .XX .XXX 0°-75' ±.01 ±.005		EE: JBP	9/27/00	ASSEMBLY UPCONVERTER/POWER AMP 6.4-7.125 GHz 10 WATT
MACHINE SURFACE EXCEPT AS NOTED		QC:		
SCHEMATIC				
		SIZE B	FSCM NO. 0NG51	DWG NO. AS902-A102-00EB
		SCALE: 1=1	FILE #: A102E002.DWG	REV E
				SHEET 2 OF 2

ZONE	REV	REVISION DESCRIPTION	DATE	CHG BY	APPROVED
	D	SEE ECN #000090, NEW PCB ISSUED	06/30/00	JAG	JBP
	E	SEE ECN #010170, NEW PCB ISSUED	08/15/01	JAG	<i>[Signature]</i>



DASH #	DESCRIPTION	ASY & SCH
-00	MASTER, 6.4-7.2 GHz	-00
-01	10W, 6.4-7.2 GHz	-01

APPLICATIONS	CONTRACT NO.:		Nuumm™ 101 BILBY ROAD BUILDING 1 HACKETTSTOWN, N.J. - 07840				
NEXT ASSY							
	DWN: JAG	DATE 05/11/00	UPCONVERTER POWER AMPLIFIER 10 WATT 6.4-7.2 GHz				
	CHK:						
	ME:						
	EE: JBP	9/27/00	SIZE B	FSCM NO. 0NG51	DWG NO. SC902-A102-00EB	REV E	
	QC:		SCALE: NTS FILE # : A102E001.DWG			SHEET 1 OF 1	