

TOTAL SHEETS 16

REV. J 7/6/66  
K

MODEL BAA-1

TITLE BROAD BAND AMPLIFIER

USED ON

MODEL

SECTION

QTY.

1

LIST SECTIONS

1. SUPPORTING NOTES
2. SUPPORTING LISTS
3. ELECTRICAL/MECHANICAL
4. SUPP ASSY/REF DWGS
5. SPECIFICATIONS
6. LOOSE ITEMS
7. PARTS PECULIAR

SHEET NO.  
SEE BELOW

LAST SYMBOLS

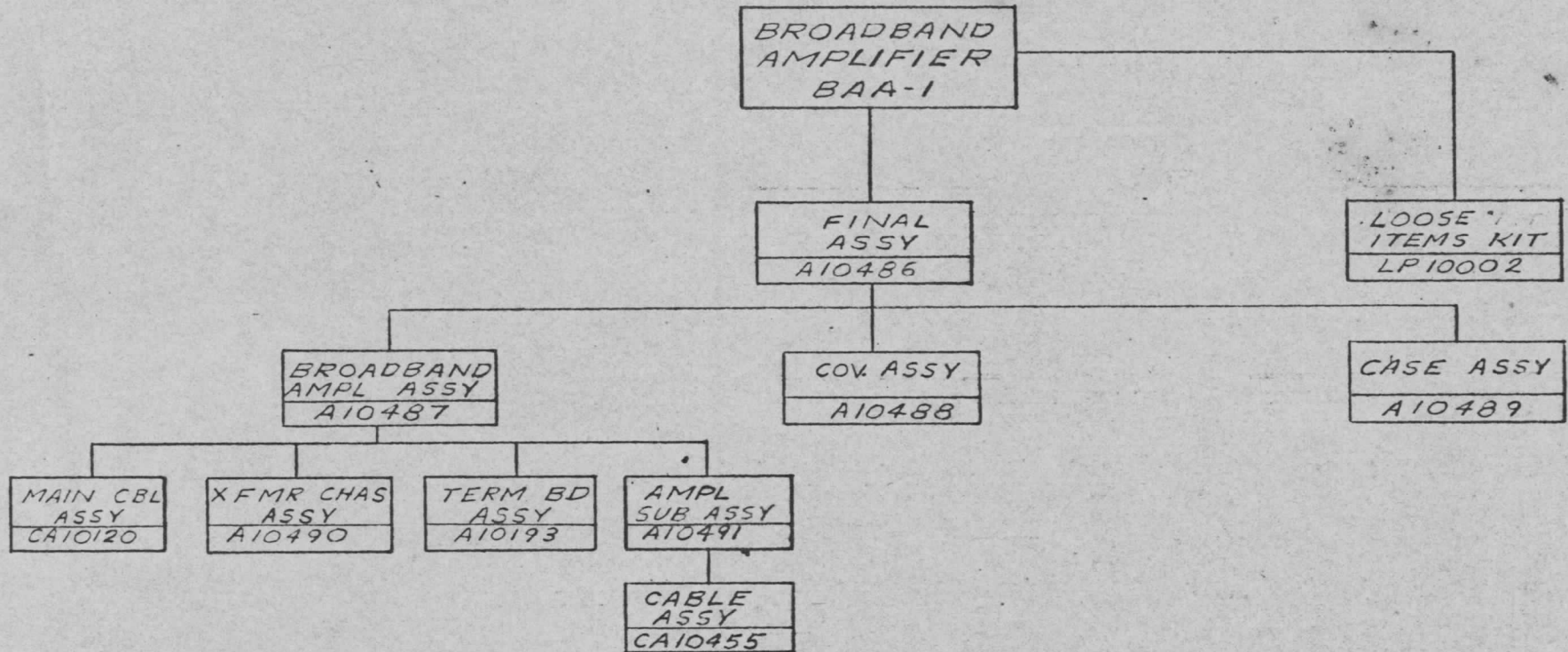
COMPILED  
CHECKED  
APPROVED  
FNL APPR  
ISS DATE

*J. H. Jacobs*  
*RL*  
*7 Jun 66*

MISSING SYMBOLS

NOTE 1. THE FOLLOWING SYMBOL, #,  
IN THE REMARKS COLUMN INDICATES  
THAT THE PART NUMBER IMMEDIATELY  
FOLLOWING IT IS THE TMC PROPRIETARY  
MANUFACTURING DRAWING FOR THE  
CORRESPONDING NUMBER IN THE PART  
NUMBER COLUMN.

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.	REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
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BAA-1		2 JUNE 66		TMC (Canada) LIMITED OTTAWA ONTARIO	
MODEL	PROJECT NO.	ASS'Y. NO.	DATE		
USED ON				MATERIAL	WEIGHT PER PC.
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES		IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.		CHART UNIT BREAKDOWN	
				BAA-1	
TOLERANCES		SCALE		RD	
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.		DRAWN <i>Jed</i>	ELEC. DES. APP. <i>(Signature)</i>
				CHECKED JACOBS	MECH. DES. APP.
				HEAT TREAT. SPEC.	FINAL APPROVAL
				FINISH & SPEC. NO.	CH10136











MATERIAL LIST/NUMERICAL PARTS LIST 7/6/66

TOTAL SHEET 6 OF 16

REV JK | USED ON MODEL: BAA-1 | USED ON SECTION: | ASSY SHEET 1 OF 2

NEXT ASSY: A10486 | QTY PER NEXT ASSY: 1 | ASSY LEVEL: 2 | ASSY DESC: BROAD BAND AMPL ASSY | ASSY PART NO: A10487

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
A10490	XFMR CHAS ASSY	A10487			1		
A10491	AMPL, SUB ASSY	A10487			1		
A10193	TERM BD ASSY	A10487			1		
CA10120	MN CBL, ASSY	A10487			1		
CP10001-1	CAP, FXD	A10487			1	C101	
CU10010-1	CLAMP, CBL	A10487	C101	2	2		
EY102-3	GROM, RUB	A10487			2		
FWO6MRN	WASH, FLAT	A10487	MS10293	4	4		
FWO8MRN	WASH, FLAT	A10487	C101	2	2		
JJ121-2	RECP, PWR, FML	A10487			1	J106	
LWEO6MRN	WASH LK EXT	A10487	C101	4			
			A10193	4			
			A10490	6			
			MS10293	4			
			TS101P01	4			
			JJ121-2	2	24		
LWEO8MRN	WASH LK EXT	A10487	C101	2	2		
MS10292	CHAS, BOX MOUNT	A10487			1		
MS10293	BRKT, CAP MTG	A10487			1		



MATERIAL LIST/NUMERICAL PARTS LIST

1/6/66

TOTAL SHEET 7 OF 16

REV JK USED ON MODEL: BAA-1 USED ON SECTION: ASSY SHEET 2 OF 2

NEXT ASSY: A10486 QTY PER NEXT ASSY: 1 ASSY LEVEL: 2 ASSY DESC: BROAD BAND AMPL ASSY ASSY PART NO: A10487

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
NTH0632BN5	NUT, HEX	A10487	MS10293	4			
			TS101P01	4			
			JJ121-2	2	10		
NTH0632BN6	NUT, HEX	A10487	A10193	4	4		
NTH0632BN8	NUT, HEX	A10487	C101	4	4		
NTH0832BN11	NUT, HEX	A10487	C101	2	2		
PX104-1-034	INS SLVG	A10487			1		
PX830-16-1	SLVG SHRINK	A10487	J106		3		
SCBP0632BN5	SCR, MACH	A10487	C101	4			
			TS101P01	4			
			JJ121-2	2	10		
SCBP0632BN6	SCR, MACH	A10487	A10193	4			
			A10490	6			
			MS10293	4	14		
SCFP0832BN8	SCR, MACH	A10487	C101		2		
S404	IRIDITE, YEL	MS10292		X			
		MS10293		X	X		
TE104-2	TERM, LKG	A10487	A10193	1	1		
WL100-7	WIRE, BUSS, BAR	A10487			3		

MATERIAL LIST/NUMERICAL PARTS LIST 7/6/66

TOTAL SHEET 8 OF 16

REV J K USED ON MODEL: BAA-1 USED ON SECTION: ASSY SHEET 1 OF 1

NEXT ASSY: A10487 QTY PER NEXT ASSY: 1 ASSY LEVEL: 3 ASSY DESC: MN CBL ASSY ASSY PART NO: CA10120

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
CD101-2	CD NYLON, LACING	CA10120			X		
MWC16(19)U1	WIRE, ELEC, INS	CA10120		18			
				18	36		
MWC22(7)U0	WIRE, ELEC, INS	CA10120		18			
				12	30		
MWC22(7)U2	WIRE, ELEC, INS	CA10120			12		
MWC22(7)U5	WIRE, ELEC, INS	CA10120			13		
MWC22(7)U6	WIRE, ELEC, INS	CA10120			13		
MWC22(7)U9	WIRE, ELEC, INS	CA10120		20			
				12	32		
MWC22(7)U96	WIRE, ELEC, INS	CA10120			17		

REV J K USED ON MODEL: BAA-1 USED ON SECTION: ASSY SHEET 1 OF 1

NEXT ASSY: A10487 QTY PER NEXT ASSY: 1 ASSY LEVEL: 3 ASSY DESC: XFMR CHAS ASSY ASSY PART NO: A10490

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
LD10148/MS10295	BRKT XFMR MTG	A10490			1		
MS10295	BRKT XFMR MTG	LD10148			1		
FH10001-1	FUSE HLDR	A10490			1		
FW08MRN	WASH, FLAT	A10490	TF10003	4	4		
JJ122-1	CONN RECP, PWR	A10490			2	J102, J103	
LWE0832MRN	WASH, LK EXT	A10490	TF10003	1/2	4		
NTH0832BN8	NUT, HEX	A10490	TF10003	4	4		
PX104-3-042	INS SLVG	A10490			5		
PX104-3-047	INS SLVG	A10490			3		
TE104-3	TERM LKG	A10490	TF10003	1	1		
TF10003	XFMR, PWR	A10490			1	T103	
WL100-5	WIRE, BUSS BAR	A10490			5		
WL100-6	WIRE, BUSS BAR	A10490			6		

MATERIAL LIST/NUMERICAL PARTS LIST 1/6/66

TOTAL SHEET 10 OF 16

REV JK USED ON MODEL: BAA-1 USED ON SECTION: ASSY SHEET 1 OF 3

NEXT ASSY: A10487 QTY PER NEXT ASSY: 1 ASSY LEVEL: 3 ASSY DESC: TERM BD ASSY ASSY PART NO: A10193

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
LD10108/PP10060	TERM BD	A10193			1		
PP10060	TERM BD	LD10108			1		
CE10003-1	CAP, FXD, ELECT	A10193			1	C102	
CE10003-2	CAP, FXD, ELECT	A10193			1	C103	
FH10001-1	FUSEHLDR	A10193			1		
LWE06MRN	WASH, LK, EXT	A10193			4		
MS154-1	PL, STRADDLE	A10193			1		
MWC20(7)U90	WIRE, ELEC, INS	A10193			2		
MWC20(7)U93	WIRE, ELEC, INS	A10193			2		
MWC20(7)U95	WIRE, ELEC, INS	A10193			2		
MWC20(7)U96	WIRE, ELEC, INS	A10193			1		
MWC22(7)U6	WIRE, ELEC, INS	A10193			3		
NTH0632BN8	NUT, HEX	A10193			4		
PX104-1-042	INS SLVG	A10193			4		
PX104-2-034	INS SLVG	A10193			5		
					1	6	
PX104-3-034	INS SLVG	A10193			1		
					5	6	
PX104-4-034	INS SLVG	A10193			3		

MATERIAL LIST/NUMERICAL PARTS LIST 7/6/66

REV JK | USED ON MODEL: BAA-1 | USED ON SECTION: | ASSY SHEET 2 OF 3

NEXT ASSY: A10487 | QTY PER NEXT ASSY: 1 | ASSY LEVEL: 3 | ASSY DESC: TERM BD ASSY | ASSY PART NO: A10193

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
PX104-5-034	INS SLVG	A10193		2			
				2	4		
PX104-6-034	INS SLVG	A10193		2			
				2	4		
PX104-7-034	INS SLVG	A10193		3			
				1	4		
PX104-9-034	INS SLVG	A10193		3			
				1	4		
RC20GF103J	RES, FXD, COMP	A10193		1		R107	
RC20GF154J	RES, FXD, COMP	A10193		2		R101, R102	
				2	4	R103, R104	
RC20GF392J	RES, FXD, COMP	A10193		2		R108, R109	
				2		R110, R111	
				1	5	R112	
RC42GF241J	RES, FXD, COMP	A10193		1		R106	
RC42GFL71J	RES, FXD, COMP	A10193		1		R105	
RX10002	RECT, SI	A10193		2		CR101, 102	
				2	4	CR103, 104	
SCBPO632BN10	SCR, MACH	A10193		4			
TE120-2	TERM, LUG SPADE	A10193		1			





MATERIAL LIST/NUMERICAL PARTS LIST 7/6/66

TOTAL SHEET 14 OF 16

REV JK | USED ON MODEL: BAA-1 | USED ON SECTION: | ASSY SHEET 2 OF 3

NEXT ASSY: A10487 | QTY PER NEXT ASSY: 1 | ASSY LEVEL: 3 | ASSY DESC: AMPL, SUB ASSY | ASSY PART NO: A10491

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER ASSY.	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY PER U/T/M			
MS10283	SHIELD	A10491			1		
NTH0440BN6	NUT, HEX	A10491	DL101,102	4	4		
NTH0632BN6	NUT, HEX	A10491	TRO71	4	4		
NT101-1	STRAP, NUT, SOC	A10491	TS102P01	4	4		
PX104-1-034	INS SLVG	A10491			6		
PX104-3-034	INS SLVG	A10491			6		
RN75B4300F	RES, FXD, FILM	A10491			2	R113, 114	
SCBP0440BN4	SCR, MACH	A10491	TS102P01	8	8		
SCFP0440BN4	SCR, MACH	A10491	TE102-2	3	3		
SCFP0440BN20	SCR, MACH	A10491	DL102	2	2		
SCFP0440BN24	SCR, MACH	A10491	DL101	2	2		
S404	IRIDITE, YEL	MS10298			X		
		MS10283			X	X	
TE102-2	TERM, TUR	A10491			3		
TE104-1	TERM, LKG	A10491	TE102-2	2	2		
TE104-2	TERM, LKG	A10491	T101,102	2	2		
TE117-28	SPACER	A10491	DL101	6	6		
TRO71	XFMR, RF	A10491			2	T101, 102	
TS102P01	SOC, TUB, MIN	A10491	V101,102	2			
			V103,104	2	4		







