

USED ON
MODEL-

HFL-()10K/REV. B (AX5232)

FOR

MODEL BMA-543

TITLE CHAS ASSEMBLY, MN

LAST SYMBOLS

CONSISTS OF
SUPPORTING LISTS

AS146
BMA544
BMA544-1
AZ131

MISSING SYMBOLS

REVISIONS

REV.	SHEET(S)	DATE	APPR.
Ø	Original Rel	2/22/78	
A	21842	9-26-80	
B	21853	11-11-80	

COMPILED dw

CHECKED _____

KEY PUNCHED _____

ENGINEERING JOB ORDER

E _____

§ FOR SPECIAL NOTES,
REFER TO S1200.

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV. 0

MODEL: BMA-543

SHEET 1 OF 7

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A4840	Assembly, Match Ntwrk	BMA543		1	1		
A1546-2	Supp, Parasitic	BMA500		1	1	Z1301	
A1546-4	Supp, Parasitic	BMA500		1	1	Z1302	
AS146	Assembly, Bnd Sw	BMA543		1	1	A1002	1
AZ131	Assembly, Drive-Up	BMA543		1	1	A1005	101, 1
BMA544	Assembly, Tune, Cap, Auto	BMA543		1	1	A1001	1, 101
BMA544-1	Assembly, Tune, Cap, Man.	BMA543		1	1	A1001	1, 102
BMA500	Assembly, Ampl Chas	BMA543		1	1		
BMA501	Assembly, Cap, Feedthru	BMA543		1	1		
BMA502	Assembly, Mot, RF Gain	BMA543		1	1		
CA1505	Cbl, Drive-Up	BMA543		1	1		101
CC100-37	Cap, Fxd, Cer	BMA543		1		C1219	101
		BMA543		1	2*	C1220	101
CC100-23	Cap, Fxd, Cer	BMA500		1		C1315	
		BMA500		1	2*	C1316	
CC100-26	Cap, Fxd, Cer	BMA500		1			
CC100-31	Cap, Fxd, Cer	BMA500		1	1	C1308	
CC100-32	Cap, Fxd, Cer	BMA500		1		C1305	
		BMA500		1		C1306	
		BMA500		1	3*	C1307	
CC100-35	Cap, Fxd, Cer	BMA500		1	1*	C1301	
CC100-37	Cap, Fxd, Cer	BMA543		1		C1221	101
		BMA543		1		C1311	
		BMA500		1		C1312	
		BMA500		1		C1313	
		A4840		1		C1402	
		A4840		1	*	C1403	
		BMA543		1		C1219	101
		BMA543		1	8*	C1220	101

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CC100-43	Cap, Fxd, Cer	BMA500		1	1*	C1303	
CC100-44	Cap, Fxd, Cer	BMA500		1		C1302	
		BMA500		1		C1304	
		BMA500		1	3*	C1314	
CC109-38	Cap, Fxd, Cer	BMA543		1	1*	C1318	
CE105-25-25	Cap, Fxd, Elec	BMA501		1	1*	C1218	
CF122-1.37	Coil, Form	CL460		1	1*		
CI101-3Q1	Core	TR193		2	2*		
CI116-18	Core, Tuning	CL460		1	1		
CK70AW102M	Cap, Fxd, Cer	BMA501		1	1	C1204	
CK70AW202M	Cap, Fxd, Cer	BMA501		1		C1203	
		BMA501		1		C1205	
		BMA501		1		C1206	
		BMA501		1		C1207	
		BMA501		1		C1208	
		BMA501		1		C1209	
		BMA501		1	7*	C1217	
CL101-2	Coil, RF	BMA500		1	1	L1301	
CL140-2	Coil, RF	BMA501		1		L1302	
		BMA543		1		L1304	
		BMA500		1		L1305	
		BMA543		1	4*	L1306	
CL178	Coil, RF	BMA543		1	1	L1308	
CL459	Ind, Fxd,	BMA500		1	1	L1307	
CL460	Coil, RF, Adj	BMA500		1	1	L1303	
CM50B222G03	Cap, Fxd, Mica	BMA501		1	1	C1317	

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PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CM111E220J5S CM112F222F5S	Cap, Fxd, Cap, Fxd	BMA500 BMA500		1 1	1 1	C1309 C1310	
CN114-1R0-4J	Cap, Fxd	BMA543		1	1	C1202	101
CU129-6SS CU163-1	Clp, Hose Clp, Re1	BMA543 BMA543		1 1	1 1		101
EY102-13 EY102-15	Grom, Rub Grom Rub	BMA501 BMA543		1 1	1 1		
EY107-2 FS125-1	Grom, Nylon Spring, Latch Lock Assy.	BMA501 BMA543		1	1		101
GL105 GL125 GL130	Adh, Epoxy Adh, Epoxy Adh	CL459 A4840 CL460					
GR205-3 GR205-47 GR239	Gear Gear Gear Assembly	BMA502 GR239 BMA502		1 1 1	1 1 1		101 101 101
JJ287-20	Conn, Recp, Fm1	BMA543		1	1	XA1001	
LD2398/MS5559 LD2399/MS5558 LD2400/MS5551 LD2401/MS5553	MARKING, CHAS, MN. MARKING, PL,SD, L MARKING BRACKET, CAP, MTG. MARKING, PL, GR, RF GAIN	BMA543 BMA543 BMA501 BMA502		1 1 1 1	1 1 1 1		
M0136-5-UH-F	Motor, RF Gain	BMA502		1	1	B1301	101
MS203-3-3.000	Lead, Conn	CL459		1	1		
MS4637 MS5534 MS5551	Bracket Bracket, Transformer Bracket, Cap, Mtg.	BMA543 TR193 LD2400/MS5551		1 1 1	1 1 1		

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SHEET 4 OF 7

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
MS5559	Chas. Mn.	BMA543		1	1		
MS5558	Pl. Sd. L	BMA543		1	1		
MS5551	Bracket	BMA501		1	1		
MS5553	Bracket Transformer	BMA502		1	1		
MS5569	Chas, Tube Mtg.	BMA500		1	1		
MS5638	Cov, Drive-Up	BMA543		1	1		
MS6383	Bracket, Res, Mtg.	BMA501		1	1		
NS3W0204	Ins, Standoff	CL459		1	1		
NS3W0212	Ins, Standoff	CL459		1	1		
PX1051-1	Ins, Term	TR193		2	2		
PX1051-2	Ins, Term	TR193		2	2		
RC20GF822J	Res, Fxd, Composition	BMA543		1	1	R1208	101
RC20GF222J	Res, Fxd, Composition	BMA543		2	2	R1214, R1209	101
RC20GF102J	Res, Fxd, Composition	BMA500		1	1	R1302	
RC20GF223J	Res, Fxd, Composition	BMA543		1	1	R1210	101
RC20GF271J	Res, Fxd, Composition	BMA501		1	1	R1304	
RC20GF333J	Res, Fxd, Composition	BMA500		1	1	R1310	
RC20GF470J	Res, Fxd, Composition	A1546-2		1	1		
RC42GF470J	Res, Fxd, Composition	BMA543		1	2*	R1212	101
		BMA543		1	1	R1213	101
RC32GF100J	Res, Fxd, Composition	BMA500		1	1	R1305	
RC42GF100J	Res, Fxd, Composition	BMA543		1	1	R1205	
RC42GF120J	REs, Fxd, Composition	BMA500		1	1	R1306	
RC42GF154J	Res, Fxd, Composition	BMA500		1	1	R1313	
		BMA500		1	2*	R1314	
RC42GF182J	Res, Fxd, Composition	A1546-4		1	1		
RC42GF183J	Res, Fxd, Composition	BMA500		1	1	R1308	
RC42GF222J	Res, Fxd, Composition	BMA500		1	1	R1307	
RC42GF331J	Res, Fxd, Composition	BMA500		1	1	R1311	

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PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
RC42GF391J	Res, Fxd, Composition	BMA543		1	1	R1206	101
RC42GF472J	Res, Fxd, Composition	BMA543		1	1	R1312	
RL156-1	Rel, Arm	BMA543		1	1	K1201	101
RL185-1	Rel, Arm	A4840		1	1	K1401	
RL156-9	Rel, Arm	BMA543		1	1	K1202	
RR114-5W	Res, Fxd, Composition	BMA501		1	3*	R1202	
		BMA501		1		R1203	
		BMA501		1		R1211	
RR116-1400W	Res, Fxd, Composition	A4840		1	1	R1401	
RV4NAYSK500A	Res, Var, Composition	BMA502		1	1	R1301	102
RV106UX8B252A	Res, Var, Composition	BMA501		1	1	R1303	
RW107-28	Res, Fxd, WW 5W	BMA543		1	1	R1201	101
RW109-28	Res, Fxd, WW 10W	BMA543		1	1	R1309	
RW110-1	Res, Fxd, WW, 20W	BMA543		1	1	R1207	
RW111-5	Res, Fxd, WW 25W	BMA543		1	1	R1204	
SM140-2	Bush, Coil Form	CL460		2	2		
SW353-2	SW	BMA502		1	3*	S1301	101
		BMA502		1		S1302	101
		BMA502		1		S1303	101
TE101-3	Bush, Slot Head	BMA501		1	1	E1203	
TE102-2	Term Tur	BMA543		1		E1201	
		BMA501		1		E1202	
		BMA543		1		E1205	
		BMA543		1		E1206	
		BMA543		1		E1207	

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PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
		BMA543		1		E1208	
		BMA543		1		E1209	
		BMA543		1		E1210	
		BMA500		1		E1305	
		BMA500		1		E1306	
		BMA500		1		E1307	
		BMA500		1		E1308	
		BMA500		1		E1309	
		BMA501		1		E1310	
		BMA500		1		E1311	
		BMA543		1		E1312	
		BMA543		1		E1313	
		BMA543		1		E1314	
		BMA543		1		E1315	
		BMA500		1	22*	E1316	
		BMA543		1		E1211	101
		BMA543		1	22*	E1212	101
TE104-2	Term, Lug, Lkg	BMA543		2			
		BMA501		2	4*		
TE104-3	Term, Lug, Lkg.	CL459		1	1		
TE104-5	Term, Lug, Lkg	BMA501		3	3		
TE111-2	Term, Lug	BMA502		1	1		
TE116-2	Term, Lug	BMA543		1	1		
TE117-22	SPacer	BMA500		2	2		
TE135-22	Spacer, Thd	GR239		1	1		101
TE149-120	Term, Lug	BMA543		5			101
		BMA501		2	7*		
TE135-3	Spacer, Thd	BMA543		4	4		
TE149-144	Term, Lug	BMA543		3			
		BMA500		7			
		BMA501		1	11*		
TE169-1	Term, Tefl	BMA502		1		E1301	
		BMA502		1		E1302	
		BMA502		1		E1303	
		BMA502		1	4*	E1304	

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SHEET 7 OF 7

PART NO.	DESCRIPTION	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TE181-4	Collar, Ring	CL460		2	2		
TR193	Transformer, Interstage	A4840		1		L1401	101
TS177-3	Base, Shld, Tube	BMA500		1	1	XK1201	
TS178-1	Shld, Tube	BMA543		1	1		
TS197	Soc, El Tube	BMA500		1	1	XV1302	
TS198	Soc, El Tube	BMA500		1	1	XV1301	
TS171-1	Soc, Relay	BMA541		2	2	XK1201, XK1202	101
WA102-4	Wash, Fbr, Shld	BMA543		2			101
		BMA543		2	4*		101
WA109-45	Wash, Fbr	CL459		2	2		
WI123-20	Wire, Elec	TR193					
WI123-22	Wire, Elec	CL459					
WI123-30	Wire, Elec	CL460					
WI125-9	Wire, Elec	A1546-4					
WL100-7	Wire, Elec, Buss	A1546-2					
WL100-8	Wire, Elec, buss	A4840 CL460					
1N547	Scnd, Dev, Dio	BMA543		1	1	CR1201	101
1N3022B	Scnd, Dev, Dio	BMA543		1	1	CR1202	101
1N645	Scnd, Dev, Dio	BMA543		1		CR1203	101
		BMA543		1	2*	CR1204	101
4CX350A	Tube, El	BMA543		1	1*	V1302	
8233	Tube, El	BMA543		1	1*	V1301	

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