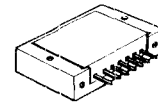
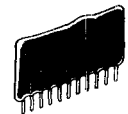


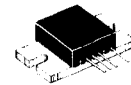
CASE 297A-06



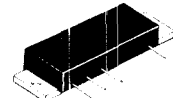
CASE 784-01



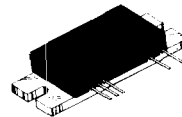
CASE 790-1
PLASTIC



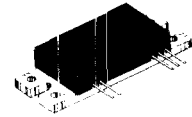
CASE 297A-05



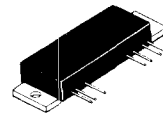
CASE 301-01



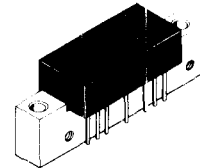
CASE 301B-03



CASE 301C-02



CASE 700-03



CASE 714-02



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Motorola's Hybrid Amplifiers allow compact simple designs due to their impedance matching and small size. Their consistency and reliability stem from thin-film hybrid construction, all gold metallization, laser-trimmed nichrome resistors and MOS capacitors. These hybrids are designed and specified for land mobile power, CATV distribution, and general purpose wideband amplifiers.

Land Mobile Hybrid Power Amplifiers

Device	P _{out} Output Power Watts	P _{in} Input Power Watts	f Frequency MHz	G _p Power Gain dB Min	V _{CC} Supply Voltage Volts	Package
407-512 MHz, UHF FM MODULES						
UHF Modules reduce costs of assembly, testing, inventory and maintenance, while producing consistent performance free of the critical physical design problems associated with these frequencies. Their consistency and reliability stem from the use of thin-film gold metallization, laser-trimmed nichrome resistors and MOS capacitors.						
MHW709-1	7.5	0.10	400-440	18.8	12.5	700-03
MHW709-2	7.5	0.10	440-470	18.8	12.5	700-03
MHW709-3	7.5	0.10	470-512	18.8	12.5	700-03
MHW710-1	13	0.15	400-440	19.4	12.5	700-03
MHW710-2	13	0.15	440-470	19.4	12.5	700-03
MHW710-3	13	0.15	470-512	19.4	12.5	700-03
MHW720-1	20	0.15	400-440	21	12.5	700-03
MHW720-2	20	0.15	440-470	21	12.5	700-03
MHW720A1††	20	0.15	400-440	21	12.5	700-03
MHW720A2††	20	0.15	440-470	21	12.5	700-03

806-960 MHz, UHF FM MODULES						
The cost saving reproducibility and packaging density advantages of broadband hybrid amplifier modules become very attractive in the 800 MHz mobile band. Bandwidth, stability and ruggedness are guaranteed together with the long established reliability of thin film hybrid construction.						
MHW812-3	12.0	.50	890-915	13.8	12.5	297A-06
MHW808-1	7.5	0.25	806-870	14.8	12.5	297A-05
MHW808-2	7.5	0.25	806-890	14.8	12.5	297A-05
MHW808-3	7.5	0.35	870-950	13.3	12.5	297A-05
MHW808A1††	7.5	0.03	806-870	24	12.5	301C-01
MHW808A2††	7.5	0.03	806-890	24	12.5	301C-01
MHW808A3††	7.5	0.04	870-950	22.7	12.5	301C-01
MHW802-1	2.2	.020	825-845	20.4	9.0	784-01
MHW802-2	2.2	.020	890-915	20.4	9.0	784-01
MHW820-1	20	0.25	806-870	19	12.5	301B-02
MHW820-2	20	0.25	806-890	19	12.5	301B-02
MHW820-3	20	0.35	870-950	17.6	12.5	301B-02

††Designed for Wide Range P_{out} Level Control