



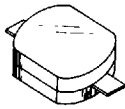
T-33-05

POWER BIPOLAR MATRIX

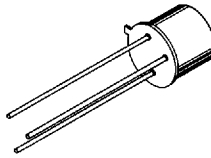
VHF DEVICES: 140 MHz to 230 MHz

PART NUMBER	PACKAGE STYLE	FREQUENCY RANGE (GHz)	SUPPLY VOLT. (V)	CLASS OF OPER.	TYP. P _{OUT} (dBm)	TYP. P _{OUT} (W)	TYP. GAIN (dB)	TYP. EFFICIENCY (%)	TEST FREQUENCY (GHz)	INTERNAL MATCHING IN/OUT
Handheld Applications: 7 Volt Supply, Class C										
NE020790-07	90	.15 to .23	7.2	C	38.5	7.1	9.0	70.0	.175	NO
NE020791-07	91	.15 to .23	7.2	C	38.5	7.1	9.0	70.0	.175	NO
NE020620-07	20	.15 to .23	7.2	C	38.0	6.3	9.5	70.0	.175	NO
NE020214-07	14	.15 to .23	7.2	C	33.0	2.0	10.0	70.0	.175	NO
Mobile Applications: 12 Volt Supply, Class C										
NE028029-12	29	.14 to .17	13.5	C	49.2	83.2	7.2	60.0	.175	NO
NE024090-12	90	.15 to .23	13.5	C	46.0	39.8	7.0	75.0	.175	NO
NE024091-12	91	.15 to .23	13.5	C	46.0	39.8	7.0	75.0	.175	NO
NE022090-12	90	.15 to .23	13.5	C	43.0	20.0	9.0	65.0	.175	NO
NE022025-12	25	.15 to .23	13.5	C	43.0	20.0	9.0	65.0	.175	NO
NE022091-12	91	.15 to .23	13.5	C	43.0	20.0	9.0	65.0	.175	NO
NE021091-12	91	.15 to .23	13.5	C	39.5	8.9	13.5	65.0	.175	NO
NE021090-12	90	.15 to .23	13.5	C	39.5	8.9	13.5	65.0	.175	NO
NE021020-12	20	.15 to .23	13.5	C	39.2	8.3	13.2	65.0	.175	NO
NE020391-12	91	.15 to .23	13.5	C	35.5	3.5	17.5	65.0	.175	NO
NE020390-12	90	.15 to .23	13.5	C	35.5	3.5	17.5	65.0	.175	NO
NE020320-12	20	.15 to .23	13.5	C	35.5	3.5	17.5	65.0	.175	NO
NE020214-12	14	.15 to .23	13.5	C	34.5	2.6	14.5	70.0	.175	NO
NE020200-12	CHIP	.15 to .23	13.5	C	34.0	2.5	14.5	70.0	.175	NO
Base Station Applications: 24 Volt Supply, Class AB										
NEM0225069-28	69	.17 to .23	28.0	AB	54.0	251.2	10.0	50.0	.230	YES
NEM0214068-28	68	.17 to .23	28.0	AB	51.5	141.3	11.5	65.0	.230	YES
Base Station Applications: 24 Volt Supply, Class C										
NEM020C29-28	29	.14 to .17	28.0	C	50.5	112.2	8.5	70.0	.175	YES
NE028029-28	29	.15 to .23	28.0	C	49.2	83.2	9.2	65.0	.175	NO
NE024027-28	27	.15 to .23	28.0	C	46.0	39.8	9.0	70.0	.175	NO
NE022025-28	25	.15 to .23	28.0	C	43.4	21.9	11.4	70.0	.175	NO
NE02120-28	20	.15 to .23	28.0	C	41.5	14.1	13.5	65.0	.175	NO
NE020320-28	20	.15 to .23	28.0	C	37.0	5.0	19.0	50.0	.175	NO

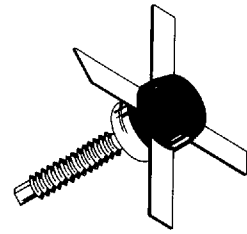
PACKAGES



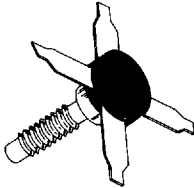
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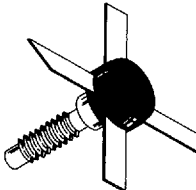
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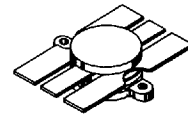
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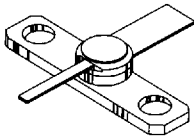
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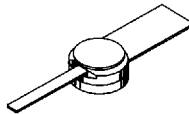
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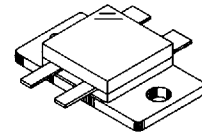
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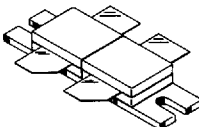
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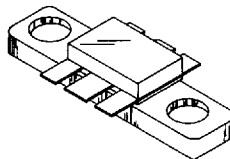
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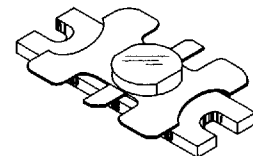
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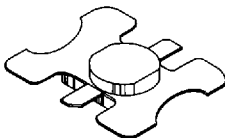
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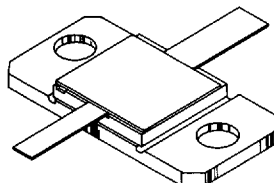
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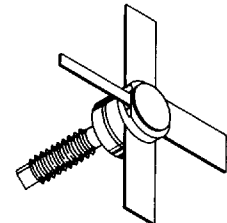
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