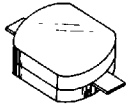


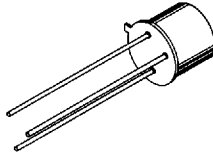
## MICROWAVE DEVICES

PART NUMBER	PACKAGE STYLE	FREQUENCY RANGE (GHz)	SUPPLY VOLT. (V)	CLASS OF OPER.	TYP. P <sub>OUT</sub> (dBm)	TYP. P <sub>OUT</sub> (W)	TYP. GAIN (dB)	TYP. EFFICIENCY (%)	TEST FREQUENCY (GHz)	INTERNAL MATCHING IN/OUT
<b>Mobile Applications: 1.3 to 1.6 GHz, 12 Volt Supply, Class AB</b>										
NEL151081-12	81	1.3 to 1.6	13.5	AB	40.0	10.0	5.0	50.0	1.55	NO
NEL150481-12	81	1.3 to 1.6	13.5	AB	36.0	4.0	7.0	48.0	1.55	NO
NEL150181-12	81	1.3 to 1.6	13.5	AB	30.0	1.0	8.0	42.0	1.55	NO
<b>Mobile Applications: 1.0 to 1.5 GHz, 12 Volt Supply, Class A</b>										
NEL132081-12	81	1.0 to 1.5	13.5	A	42.0	15.8	6.0	60.0	1.3	NO
NEL130681-12	81	1.0 to 1.5	13.5	A	37.5	5.6	7.5	55.0	1.3	NO
<b>Various Applications: 1.0 to 3.0 GHz, 15 Volt Supply, Class A</b>										
NEL230397	97	1.0 to 3.0	15.0	A	35.0	3.2	5.0	30.0	2.3	NO
NEL230353	53	1.0 to 3.0	15.0	A	35.0	3.2	5.0	30.0	2.3	NO
NEL230357	57	1.0 to 3.0	15.0	A	35.0	3.2	5.0	30.0	2.3	NO
NEL230320	20	1.0 to 3.0	15.0	A	35.0	3.2	3.5	30.0	2.3	NO
NEL230220	20	1.0 to 3.0	15.0	A	33.0	2.0	4.5	32.0	2.3	NO
NEL230257	57	1.0 to 3.0	15.0	A	33.0	2.0	6.0	32.0	2.3	NO
NEL230297	97	1.0 to 3.0	15.0	A	33.0	2.0	6.0	32.0	2.3	NO
NEL230253	53	1.0 to 3.0	15.0	A	33.0	2.0	6.0	32.0	2.3	NO
NEL230120	20	1.0 to 3.0	15.0	A	30.0	1.0	6.5	30.0	2.3	NO
NEL230153	53	1.0 to 3.0	15.0	A	30.0	1.0	8.0	30.0	2.3	NO
NEL230197	97	1.0 to 3.0	15.0	A	30.0	1.0	8.0	30.0	2.3	NO
NEL230157	57	1.0 to 3.0	15.0	A	30.0	1.0	8.0	30.0	2.3	NO
<b>Various Applications: 1.5 to 1.7 GHz, 20 Volt Supply, Class C</b>										
NEM1725B-20	94	1.5 to 1.7	20.0	C	44.0	25.1	8.0	50.0	1.65	YES
NEM1712B-20	94	1.5 to 1.7	20.0	C	41.5	14.1	8.5	54.0	1.65	YES
NEM1706B-20	94	1.5 to 1.7	20.0	C	38.5	7.1	8.5	54.0	1.65	YES
<b>Various Applications: 1.7 to 2.0 GHz, 20 Volt Supply, Class C</b>										
NEM2015B-20	94	1.7 to 2.0	20.0	C	42.0	15.8	7.0	50.0	1.9	YES
NEM2010B-20	94	1.7 to 2.0	20.0	C	40.5	11.2	7.5	50.0	1.9	YES
NEM2003B-20	94	1.7 to 2.0	20.0	C	35.5	3.5	9.0	50.0	1.9	YES
<b>Various Applications: 1.8 to 2.2 GHz, 20 Volt Supply, Class C</b>										
NEM2310B-20	94	1.8 to 2.2	20.0	C	40.5	11.2	7.5	50.0	2.2	YES
NEM2305B-20	94	1.8 to 2.2	20.0	C	37.5	5.6	7.5	50.0	2.2	YES
<b>Various Applications: 2.3 to 2.7 GHz, 20 Volt Supply, Class C</b>										
NEM2708B-20	94	2.3 to 2.7	20.0	C	39.5	8.9	6.5	40.0	2.7	YES
NEM2705B-20	94	2.3 to 2.7	20.0	C	37.5	5.6	7.5	40.0	2.7	YES
NEM2703B-20	94	2.3 to 2.7	20.0	C	35.5	3.5	8.5	40.0	2.7	YES
NEM2701B-20	94	2.3 to 2.7	20.0	C	32.5	1.8	9.5	40.0	2.7	YES

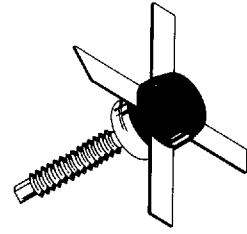
**PACKAGES**



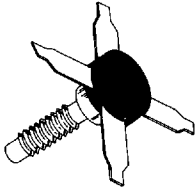
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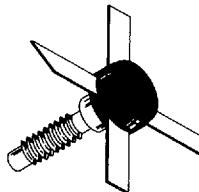
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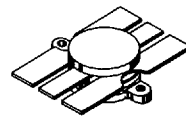
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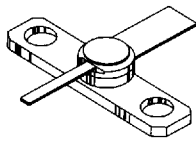
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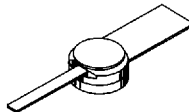
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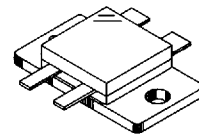
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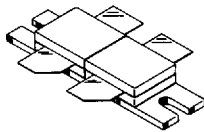
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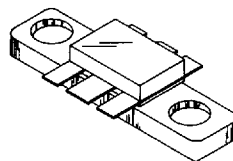
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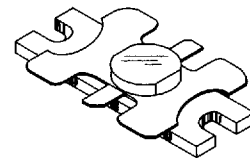
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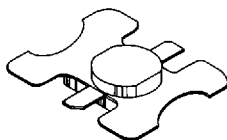
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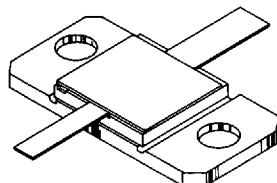
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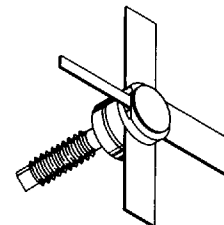
**90**



**91**



**94**



**97**

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