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JFET RF, VHF, UHF Amplifiers

NATL SEMICOND (DISCRETE)

N Channel

Device	BV _{SS} (V) Min	V _p @ V _{GS} = 0		R _{AV} (μ mho) @ f	R _{EV} (μ mho) @ f	C _{iss} (pF) Max	C _{oss} (pF) Max	NF (dB) @ R _G = 1k	Package
		(V) Min	(V) Max						
2N3819	25	8	15	2	1.6	100	8	4	TO-92(94)
2N4416	30	2.5	6	15	1	4	4	0.9	TO-72
PN4416	30	2.5	6	15	1	4	4	0.9	TO-92(92)
MMBF4416	30	2.5	6	15	1	4	4	0.9	TO-236*
2N5245	30	1	6	15	10	4	4	1.0	TO-92(97)
2N5246	30	0.5	4	15	10	2.5	4	1.0	TO-92(97)
2N5247	30	1.5	8	15	10	4	4	1.0	TO-92(97)
2N5397	25	1	6	10	1	5.5	4	1.2	TO-72
2N5484	25	0.3	3	15	10	2.5	100	5	TO-92(92)
MMBF5484	25	0.3	3	15	10	2.5	100	5	TO-236*
2N5485	25	0.5	4	15	10	3	4	1	TO-92(92)
MMBF5485	25	0.5	4	15	10	3	4	1	TO-236*
2N5486	25	2	6	15	10	3.5	4	1	TO-92(92)
MMBF5486	25	2	6	15	10	3.5	4	1	TO-236*
2N5949	30	3	7	15	100	3	100	6	TO-92(97)
2N5950	30	2.5	6	15	100	3	100	6	TO-92(97)
2N5951	30	2	5	15	100	3	100	6	TO-92(97)
2N5952	30	1.3	4.5	15	100	1	100	6	TO-92(97)
2N5953	30	0.8	3	15	100	1	100	6	TO-92(97)
J300	25	1	6	10	1	4.5	0.001	5.5	TO-92(92)
MMBFJ304	30	2	6	15	1	14.2	400	100	TO-236*
J304	30	2	6	15	1	14.2	400	100	TO-92(92)
J305	30	0.5	3	15	1	13.0	400	100	TO-92(92)
MMBFJ305	30	0.5	3	15	1	13.0	400	100	TO-236*
MMBFJ309	25	1	4	10	1	10	0.001	7.5	TO-236*
J309	25	1	4	10	1	10	0.001	7.5	TO-92(92)
MMBFJ310	25	2	6.5	10	1	8	0.001	7.5	TO-236*
J310	25	2	6.5	10	1	8	0.001	7.5	TO-92(92)
U309	25	1	4	10	1	10	0.001	5	TO-52
U310	25	2.5	6	10	1	10	0.001	5	TO-52

* TO-236AB is standard for all devices.
 Please refer to Surface Mount section for TO-236 Device Marking.
 † = Typical value

